

# Sandhanasamy Devanesan

## List of Publications by Year in descending order

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Version: 2024-02-01

117  
papers

3,266  
citations

168829

31  
h-index

214428

50  
g-index

119  
all docs

119  
docs citations

119  
times ranked

3434  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced biological nitrate removal by gC <sub>3</sub> N <sub>4</sub> /TiO <sub>2</sub> composite and role of extracellular polymeric substances. <i>Environmental Research</i> , 2022, 207, 112158.	3.7	13
2	Predictive capability evaluation and optimization of Pb(II) removal by reduced graphene oxide-based inverse spinel nickel ferrite nanocomposite. <i>Environmental Research</i> , 2022, 204, 112029.	3.7	44
3	Impact of dysprosium doped (Dy) zinc ferrite (ZnFe <sub>2</sub> O <sub>4</sub> ) nanocrystals in photo-fenton exclusion of recalcitrant organic pollutant. <i>Environmental Research</i> , 2022, 203, 111913.	3.7	31
4	Chitosan magnetic graphene grafted polyaniline doped with cobalt oxide for removal of Arsenic(V) from water. <i>Environmental Research</i> , 2022, 207, 112209.	3.7	28
5	Fluorescence-based techniques using plasma: A unique biomarker for different cancers. , 2022, , 137-145.		0
6	Antiviral and cytotoxic effects of a traditional drug KanthaRasaVillai with a cocktail of metallic nanoparticles. <i>Journal of King Saud University - Science</i> , 2022, 34, 101693.	1.6	0
7	Transition metal complexes of 4-hydroxy-3-methoxybenzaldehyde embedded in fly ash zeolite as catalysts for phenol hydroxylation. <i>Chemosphere</i> , 2022, 289, 133167.	4.2	4
8	Green synthesis of plasmonic nanoparticles using <i>Sargassum ilicifolium</i> and application in photocatalytic degradation of cationic dyes. <i>Environmental Research</i> , 2022, 208, 112642.	3.7	29
9	Characterization of bacterial community in oil-contaminated soil and its biodegradation efficiency of high molecular weight (>C <sub>40</sub> ) hydrocarbon. <i>Chemosphere</i> , 2022, 289, 133168.	4.2	28
10	Concentration, source apportionment and potential carcinogenic risks of polycyclic aromatic hydrocarbons (PAHs) in roadside soils. <i>Chemosphere</i> , 2022, 292, 133413.	4.2	40
11	Macrolepiota-mediated synthesized silver nanoparticles as a green corrosive inhibitor for mild steel in re-circulating cooling water system. <i>Bioprocess and Biosystems Engineering</i> , 2022, 45, 493-501.	1.7	4
12	Enhanced sun light driven photocatalytic activity of Co doped SnO <sub>2</sub> loaded corn cob activated carbon for methylene blue dye degradation. <i>Chemosphere</i> , 2022, 295, 133848.	4.2	28
13	Ceria nanoparticles anchored on graphitic oxide sheets (CeO <sub>2</sub> -GOS) as an efficient catalyst for degradation of dyes and textile effluents. <i>Environmental Research</i> , 2022, 209, 112750.	3.7	22
14	Phytosynthesis of silver nanoparticles from <i>Jatropha integerrima</i> Jacq. flower extract and their possible applications as antibacterial and antioxidant agent. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 680-688.	1.8	28
15	Effect of doping and loading Parameters on photocatalytic degradation of brilliant green using Sn doped ZnO loaded CSAC. <i>Environmental Research</i> , 2022, 210, 112833.	3.7	15
16	Biomimetic Synthesis of Silver Nanoparticles Using Ethyl Acetate Extract of <i>Urtica dioica</i> Leaves; Characterizations and Emerging Antimicrobial Activity. <i>Microorganisms</i> , 2022, 10, 789.	1.6	12
17	Valorisation of bio-derived fluorescent carbon dots for metal sensing, DNA binding and bioimaging. <i>Chemosphere</i> , 2022, 298, 134128.	4.2	13
18	Nanostructured nickel doped zinc oxide material suitable for magnetic, supercapacitor applications and theoretical investigation. <i>Chemosphere</i> , 2022, 299, 134366.	4.2	11

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19	Characterization of two novel strains of <i>Pseudomonas aeruginosa</i> on biodegradation of crude oil and its enzyme activities. <i>Environmental Pollution</i> , 2022, 304, 119223.	3.7	39
20	Evaluation of iron-based alloy nanocatalysts for the electrooxidation of ethylene glycol in membraneless fuel cells. <i>Fuel</i> , 2022, 321, 124059.	3.4	7
21	Quorum quenching action of marine red alga <i>Halemenia durvillei</i> on biofilm forming Gram negative bacterial isolates from contact lens. <i>Algal Research</i> , 2022, 64, 102693.	2.4	7
22	An efficient optical properties of Sn doped ZnO/CdS based solar light driven nanocomposites for enhanced photocatalytic degradation applications. <i>Chemosphere</i> , 2022, 300, 134460.	4.2	18
23	Integrated approach of photo-assisted electrochemical oxidation and sequential biodegradation of textile effluent. <i>Environmental Pollution</i> , 2022, 307, 119412.	3.7	6
24	Oxygen saturation and blood volume analysis by photoacoustic imaging to identify pre and post-PDT vascular changes. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 103304.	1.8	1
25	Photocatalytic degradation of Rhodamine B using green-synthesized ZnO nanoparticles from <i>Sechium edule</i> polysaccharides. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 2477-2487.	1.6	14
26	Green synthesis of calcium hydroxide nanoparticles using carob fruit extract and evaluation of their cytotoxic activity. <i>Applied Nanoscience (Switzerland)</i> , 2022, 12, 2511-2521.	1.6	4
27	Cytotoxic effects of bioactive extracts from <i>Andrographis echioides</i> (L.) Nees: An In vitro approach. <i>Process Biochemistry</i> , 2022, 120, 169-177.	1.8	1
28	Intimately coupled gC3N4 photocatalysis and mixed culture biofilm enhanced detoxification of sulfamethoxazole: Elucidating degradation mechanism and toxicity assessment. <i>Environmental Research</i> , 2022, 214, 113824.	3.7	8
29	Evaluation of Antioxidant, Anticancer and DNA Binding Potentials of Noble Metal Nanoparticles Synthesized Using <i>Aristolochia indica</i> and <i>Indigofera tinctoria</i> . <i>Journal of Cluster Science</i> , 2021, 32, 917-927.	1.7	4
30	Biosurfactant mediated bioelectrokinetic remediation of diesel contaminated environment. <i>Chemosphere</i> , 2021, 264, 128377.	4.2	36
31	Bio-electrokinetic remediation of crude oil contaminated soil enhanced by bacterial biosurfactant. <i>Journal of Hazardous Materials</i> , 2021, 405, 124061.	6.5	62
32	Biological mediated synthesis of RGO-ZnO composites with enhanced photocatalytic and antibacterial activity. <i>Journal of Hazardous Materials</i> , 2021, 409, 124661.	6.5	39
33	Bacterial community analysis of biofilm on API 5LX carbon steel in an oil reservoir environment. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 355-368.	1.7	14
34	In-vitro free radical scavenging effect and cytotoxic analysis of Black Cummins and Honey formulation. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1576-1581.	1.8	3
35	Evaluation of <i>Syzygium aromaticum</i> aqueous extract as an eco-friendly inhibitor for microbiologically influenced corrosion of carbon steel in oil reservoir environment. <i>Bioprocess and Biosystems Engineering</i> , 2021, 44, 1441-1452.	1.7	12
36	Phytochemical evaluation and anticancer activity of rambutan ( <i>Nephelium lappaceum</i> ) fruit endocarp extracts against human hepatocellular carcinoma (HepG-2) cells. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 1816-1825.	1.8	15

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37	Antimicrobial and anticancer properties of <i>Carica papaya</i> leaves derived di-methyl flubendazole mediated silver nanoparticles. <i>Journal of Infection and Public Health</i> , 2021, 14, 577-587.	1.9	32
38	Green Synthesis of Silver Nanoparticles Using the Flower Extract of <i>Abelmoschus esculentus</i> for Cytotoxicity and Antimicrobial Studies. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3343-3356.	3.3	91
39	Metagenomic analysis of microbial community and its role in bioelectrokinetic remediation of tannery contaminated soil. <i>Journal of Hazardous Materials</i> , 2021, 412, 125133.	6.5	35
40	Fluorescence spectroscopy as a novel technique for premarital screening of sickle cell disorders. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 34, 102276.	1.3	4
41	Cancer screening by fluorescence spectra of blood and urine – A double blind study. <i>Journal of King Saud University - Science</i> , 2021, 33, 101456.	1.6	2
42	Evaluation of the anticancer potential of Hexadecanoic acid from brown algae <i>Turbinaria ornata</i> on HT-29 colon cancer cells. <i>Journal of Molecular Structure</i> , 2021, 1235, 130229.	1.8	38
43	Effective removal of Cd <sup>2+</sup> , Zn <sup>2+</sup> by immobilizing the non-absorbent active catalyst by packed bed column reactor for industrial wastewater treatment. <i>Chemosphere</i> , 2021, 277, 130230.	4.2	8
44	Characterization of methanolic extract of seaweeds as environmentally benign corrosion inhibitors for mild steel corrosion in sodium chloride environment. <i>Journal of Molecular Liquids</i> , 2021, 340, 117011.	2.3	16
45	Characterization of crude oil degrading bacterial communities and their impact on biofilm formation. <i>Environmental Pollution</i> , 2021, 286, 117556.	3.7	25
46	Effect of crude methanolic extract of <i>Lawsonia inermis</i> for anti-biofilm on mild steel 1010 and its effect on corrosion in a re-circulating wastewater system. <i>Journal of King Saud University - Science</i> , 2021, 33, 101611.	1.6	6
47	Characterization of biospheric bacterial community on reduction and removal of chromium from tannery contaminated soil using an integrated approach of bio-enhanced electrokinetic remediation. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106602.	3.3	11
48	Characterization of active lead molecules from <i>Lissocarinus orbicularis</i> with potential antimicrobial resistance inhibition properties. <i>Journal of Infection and Public Health</i> , 2021, 14, 1903-1910.	1.9	3
49	Biofilm formation on copper and its control by inhibitor/biocide in cooling water environment. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7588-7594.	1.8	7
50	Drug resistance in <i>Candida albicans</i> isolates and related changes in the structural domain of Mdr1 protein. <i>Journal of Infection and Public Health</i> , 2021, 14, 1848-1853.	1.9	8
51	Environmental friendly synthesis of carbon nanoplates supported ZnO nanorods for enhanced degradation of dyes and organic pollutants with visible light driven photocatalytic performance. <i>Journal of King Saud University - Science</i> , 2020, 32, 1081-1087.	1.6	24
52	Antimicrobial and catalytic activities of biosynthesized gold, silver and palladium nanoparticles from <i>Solanum nigurum</i> leaves. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 202, 111713.	1.7	92
53	Green fabrication, characterization and antibacterial potential of zinc oxide nanoparticles using <i>Aloe socotrina</i> leaf extract: A novel drug delivery approach. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101465.	1.4	83
54	Fluorescence spectral detection of acute lymphoblastic leukemia (ALL) and acute myeloid leukemia (AML): A novel photodiagnosis strategy. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101634.	1.3	9

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55	Detection of hemophilia by fluorescence spectroscopy: A photodiagnosis approach. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101598.	1.3	5
56	Synthesis and biocompatible role of hierarchical structured carbon nanoplates incorporated $\text{Fe}_2\text{O}_3$ nanocomposites for biomedical applications with respect to cancer treatment. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 588-593.	1.8	17
57	Synthesis of NiO nanoparticles and their evaluation for photodynamic therapy against HeLa cancer cells. <i>Journal of King Saud University - Science</i> , 2020, 32, 1395-1402.	1.6	26
58	Ureolytic bacteria mediated synthesis of hairy ZnO nanostructure as photocatalyst for decolorization of dyes. <i>Materials Chemistry and Physics</i> , 2020, 243, 122619.	2.0	50
59	Anticancer and antioxidant efficacy of silver nanoparticles synthesized from fruit of <i>Morinda citrifolia</i> Linn on Ehrlich ascites carcinoma mice. <i>Journal of King Saud University - Science</i> , 2020, 32, 3181-3186.	1.6	13
60	An experimental and algorithm-based study of the spectral features of breast cancer patients by a photodiagnosis approach. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 31, 101851.	1.3	3
61	&lt;p&gt;Cytotoxic and Antimicrobial Efficacy of Silver Nanoparticles Synthesized Using a Traditional Phytoproduct, Asafoetida Gum&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 4351-4362.	3.3	44
62	&lt;p&gt;Therapeutic Potential Assessment of Green Synthesized Zinc Oxide Nanoparticles Derived from Fennel Seeds Extract&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 8045-8057.	3.3	23
63	The aromatic ginger <i>Kaempferia galanga</i> L. (Zingiberaceae) essential oil and its main compounds are effective larvicidal agents against <i>Aedes vittatus</i> and <i>Anopheles maculatus</i> without toxicity on the non-target aquatic fauna. <i>Industrial Crops and Products</i> , 2020, 158, 113012.	2.5	29
64	Synthesis and characterization of ZnO and Ca-ZnO nanoparticles for potential antibacterial activity and plant micronutrients. <i>Surfaces and Interfaces</i> , 2020, 21, 100796.	1.5	8
65	Chitosan overlaid $\text{Fe}_3\text{O}_4/\text{rGO}$ nanocomposite for targeted drug delivery, imaging, and biomedical applications. <i>Scientific Reports</i> , 2020, 10, 18912.	1.6	79
66	Synthesis, Phase Transition, and Optical Studies of $\text{Ba}_{2-x}\text{Sr}_x\text{ZnWO}_6$ ( $x = 1.00, 1.25, 1.50, 1.75, 2.00$ ) Tungsten Double Perovskite Oxides. <i>Crystals</i> , 2020, 10, 299.	1.0	12
67	Bio-approach synthesis of nanosilver impregnation on calcium hydroxyapatite by biological activated ammonia from urinary waste. <i>Arabian Journal of Chemistry</i> , 2020, 13, 5878-5889.	2.3	7
68	<i>Bacillus megaterium</i> -induced biocorrosion on mild steel and the effect of <i>Artemisia pallens</i> methanolic extract as a natural corrosion inhibitor. <i>Archives of Microbiology</i> , 2020, 202, 2311-2321.	1.0	18
69	Novel synthesis of ZnO by Ice-cube method for photo-inactivation of <i>E. coli</i> . <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 1130-1138.	1.8	9
70	Essential oils of two medicinal plants and protective properties of jack fruits against the spoilage bacteria and fungi. <i>Industrial Crops and Products</i> , 2020, 147, 112239.	2.5	46
71	Bioreduction of hexavalent chromium by chromium resistant alkalophilic bacteria isolated from tannery effluent. <i>Journal of King Saud University - Science</i> , 2020, 32, 1969-1977.	1.6	30
72	Versatile fabrication and characterization of Cu-doped $\text{ZrO}_2$ nanoparticles: enhanced photocatalytic and photoluminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 7232-7246.	1.1	12

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73	Curcumin-encased hydroxyapatite nanoparticles as novel biomaterials for antimicrobial, antioxidant and anticancer applications: A perspective of nano-based drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101752.	1.4	24
74	Biogenesis of selenium nanoparticles and their anti-leukemia activity. <i>Journal of King Saud University - Science</i> , 2020, 32, 2520-2526.	1.6	50
75	Sequential electrochemical oxidation and bio-treatment of the azo dye congo red and textile effluent. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 200, 111655.	1.7	111
76	Eco-friendly green synthesis of silver nanoparticles from the sesame oil cake and its potential anticancer and antimicrobial activities. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 192, 83-89.	1.7	116
77	Study on photocatalytic and impedance spectroscopy investigations of composite CuO/ZnO nanoparticles. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 13708-13718.	1.1	18
78	Facile spectroscopy and atomic force microscopy for the discrimination of $\hat{1}\pm$ and $\hat{1}^2$ thalassemia traits and diseases: A photodiagnosis approach. <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 27, 149-155.	1.3	2
79	Diagnosis of thalassemia using fluorescence spectroscopy, auto-analyzer, and hemoglobin electrophoresis "A prospective study. <i>Journal of Infection and Public Health</i> , 2019, 12, 585-590.	1.9	13
80	Synthesis of silver nanoparticles using plant derived 4-N-methyl benzoic acid and evaluation of antimicrobial, antioxidant and antitumor activity. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 970-978.	1.8	66
81	Impact and Role of Bacterial Communities on Biocorrosion of Metals Used in the Processing Industry. <i>ACS Omega</i> , 2019, 4, 21353-21360.	1.6	27
82	High toxicity of camphene and $\hat{1}^3$ -elemene from <i>Wedelia prostrata</i> essential oil against larvae of <i>Spodoptera litura</i> (Lepidoptera: Noctuidae). <i>Environmental Science and Pollution Research</i> , 2018, 25, 10383-10391.	2.7	37
83	Dependence of Catalytic Activity of Nanocrystalline Nickel Ferrite on Its Structural, Morphological, Optical, and Magnetic Properties in Aerobic Oxidation of Benzyl Alcohol. <i>Journal of Superconductivity and Novel Magnetism</i> , 2018, 31, 1219-1225.	0.8	19
84	Impact of Diabetes Mellitus on Human Erythrocytes: Atomic Force Microscopy and Spectral Investigations. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2368.	1.2	14
85	Antimicrobial and Cytotoxicity Effects of Synthesized Silver Nanoparticles from <i>Punica granatum</i> Peel Extract. <i>Nanoscale Research Letters</i> , 2018, 13, 315.	3.1	107
86	A study for the detection of kidney cancer using fluorescence emission spectra and synchronous fluorescence excitation spectra of blood and urine. <i>Photodiagnosis and Photodynamic Therapy</i> , 2018, 23, 40-44.	1.3	19
87	Chitosan-fabricated Ag nanoparticles and larvivorous fishes: a novel route to control the coastal malaria vector <i>Anopheles sudaicus</i> ?. <i>Hydrobiologia</i> , 2017, 797, 335-350.	1.0	32
88	Rapid Biological Synthesis of Silver Nanoparticles Using Plant Seed Extracts and Their Cytotoxicity on Colorectal Cancer Cell Lines. <i>Journal of Cluster Science</i> , 2017, 28, 595-605.	1.7	46
89	Mangrove Helps: <i>Sonneratia alba</i> -Synthesized Silver Nanoparticles Magnify Guppy Fish Predation Against <i>Aedes aegypti</i> Young Instars and Down-Regulate the Expression of Envelope (E) Gene in Dengue Virus (Serotype DEN-2). <i>Journal of Cluster Science</i> , 2017, 28, 437-461.	1.7	23
90	Magnetic nanoparticles are highly toxic to chloroquine-resistant <i>Plasmodium falciparum</i> , dengue virus (DEN-2), and their mosquito vectors. <i>Parasitology Research</i> , 2017, 116, 495-502.	0.6	46

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91	One pot synthesis of silver nanocrystals using the seaweed <i>Gracilaria edulis</i> : biophysical characterization and potential against the filariasis vector <i>Culex quinquefasciatus</i> and the midge <i>Chironomus circumdatus</i> . <i>Journal of Applied Phycology</i> , 2017, 29, 649-659.	1.5	26
92	Microwave-Assisted Synthesis of Nickel Oxide Nanoparticles Using <i>Coriandrum sativum</i> Leaf Extract and Their Structural-Magnetic Catalytic Properties. <i>Materials</i> , 2017, 10, 460.	1.3	32
93	Meliponiculture for Pollination Support, Yield Enhancement and Poverty Eradication. <i>Environmental Challenges and Solutions</i> , 2017, , 267-272.	0.5	1
94	Green synthesis of silver nanoparticles using <i>Pimpinella anisum</i> seeds: antimicrobial activity and cytotoxicity on human neonatal skin stromal cells and colon cancer cells. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 4439-4449.	3.3	111
95	Structural, Magnetic, Optical, and Catalytic Properties of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles by the Sol-Gel Method. <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 2053-2058.	0.8	20
96	Smoking Induced Hemolysis: Spectral and microscopic investigations. <i>Scientific Reports</i> , 2016, 6, 21095.	1.6	23
97	Fabrication of nano-mosquitocides using chitosan from crab shells: Impact on non-target organisms in the aquatic environment. <i>Ecotoxicology and Environmental Safety</i> , 2016, 132, 318-328.	2.9	37
98	Hydrothermal synthesis of titanium dioxide nanoparticles: mosquitocidal potential and anticancer activity on human breast cancer cells (MCF-7). <i>Parasitology Research</i> , 2016, 115, 1085-1096.	0.6	110
99	In vivo and in vitro effectiveness of <i>Azadirachta indica</i> -synthesized silver nanocrystals against <i>Plasmodium berghei</i> and <i>Plasmodium falciparum</i> , and their potential against malaria mosquitoes. <i>Research in Veterinary Science</i> , 2016, 106, 14-22.	0.9	71
100	Multipurpose effectiveness of <i>Couroupita guianensis</i> -synthesized gold nanoparticles: high antiplasmodial potential, field efficacy against malaria vectors and synergy with <i>Aplocheilus lineatus</i> predators. <i>Environmental Science and Pollution Research</i> , 2016, 23, 7543-7558.	2.7	111
101	Nano-Insecticides for the Control of Human and Crop Pests. <i>True Bugs (Heteroptera) of the Neotropics</i> , 2016, , 229-251.	1.2	5
102	Characterization and mosquitocidal potential of neem cake-synthesized silver nanoparticles: genotoxicity and impact on predation efficiency of mosquito natural enemies. <i>Parasitology Research</i> , 2016, 115, 1015-1025.	0.6	58
103	Genetic deviation in geographically close populations of the dengue vector <i>Aedes aegypti</i> (Diptera: Tj ETQq1 1 0.784314 rgBT /Overl 1149-1160.	0.6	18
104	Biosynthesis, characterization, and acute toxicity of <i>Berberis tinctoria</i> -fabricated silver nanoparticles against the Asian tiger mosquito, <i>Aedes albopictus</i> , and the mosquito predators <i>Toxorhynchites splendens</i> and <i>Mesocyclops thermocyclopoides</i> . <i>Parasitology Research</i> , 2016, 115, 751-759.	0.6	53
105	Carbon and silver nanoparticles in the fight against the filariasis vector <i>Culex quinquefasciatus</i> : genotoxicity and impact on behavioral traits of non-target aquatic organisms. <i>Parasitology Research</i> , 2016, 115, 1071-1083.	0.6	39
106	DNA barcoding and molecular evolution of mosquito vectors of medical and veterinary importance. <i>Parasitology Research</i> , 2016, 115, 107-121.	0.6	60
107	Fighting arboviral diseases: low toxicity on mammalian cells, dengue growth inhibition (in vitro), and mosquitocidal activity of <i>Centroceras clavulatum</i> -synthesized silver nanoparticles. <i>Parasitology Research</i> , 2016, 115, 651-662.	0.6	82
108	Cervical cancer detection by time-resolved spectra of blood components. <i>Journal of Biomedical Optics</i> , 2014, 19, 057011.	1.4	11

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109	Fluorescence spectral classification of iron deficiency anemia and thalassemia. Journal of Biomedical Optics, 2014, 19, 027008.	1.4	18
110	Spectral characterization of breast cancer. , 2014, , .		2
111	Fluorescence spectral diagnosis of malaria " a preliminary study. Diagnostic Pathology, 2014, 9, 182.	0.9	7
112	Spectral detection of thalassemia: a preliminary study. Journal of Biomedical Science, 2014, 21, 26.	2.6	4
113	Spectral detection of sickle cell anemia and thalassemia. Photodiagnosis and Photodynamic Therapy, 2013, 10, 429-433.	1.3	10
114	A parallelism between spectral grading and Gleason grading of malignant prostate tissues. Photodiagnosis and Photodynamic Therapy, 2013, 10, 168-172.	1.3	1
115	Optical Biopsy of Benign and Malignant Tissue by Time Resolved Spectroscopy. Technology in Cancer Research and Treatment, 2013, 12, 559-563.	0.8	4
116	Spectral features of the body fluids of patients with benign and malignant prostate tumours. Laser Physics, 2013, 23, 055602.	0.6	8
117	Optical biopsy of breast cancer tissue. Laser Physics, 2012, 22, 1358-1363.	0.6	9