

# Suresh Kumar Subbiah

## List of Publications by Year in descending order

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135  
papers

4,171  
citations

117453

34  
h-index

143772

57  
g-index

142  
all docs

142  
docs citations

142  
times ranked

5935  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rescue of photoreceptor with human mesenchyme stem cell and human mesenchyme stem cell expressing erythropoietin in total degeneration of retina animal model. Indian Journal of Ophthalmology, 2022, 70, 921.	0.5	1
2	Waste-Derived Cellulosic Fibers and Their Applications. Advances in Materials Science and Engineering, 2022, 2022, 1-13.	1.0	11
3	Bioactive Potential of Brown Algae. Adsorption Science and Technology, 2022, 2022, .	1.5	23
4	Differential Regulation of NK Cell Receptors in Acute Lymphoblastic Leukemia. Journal of Immunology Research, 2022, 2022, 1-13.	0.9	3
5	Human Dental Pulp Stem Cells (DPSCs) Therapy in Rescuing Photoreceptors and Establishing a Sodium Iodate-Induced Retinal Degeneration Rat Model. Tissue Engineering and Regenerative Medicine, 2021, 18, 143-154.	1.6	10
6	Leptospirosis Infection, Pathogenesis and Its Diagnosis—A Review. Pathogens, 2021, 10, 145.	1.2	45
7	Transient characteristics of universal cells on human-induced pluripotent stem cells and their differentiated cells derived from foetal stem cells with mixed donor sources. Cell Proliferation, 2021, 54, e12995.	2.4	6
8	Metabolic utilization of human osteoblast cell line hFOB 1.19 under normoxic and hypoxic conditions: A phenotypic microarray analysis. Experimental Biology and Medicine, 2021, 246, 1177-1183.	1.1	2
9	Mitigation of Sodium Iodate-Induced Cytotoxicity in Retinal Pigment Epithelial Cells in vitro by Transgenic Erythropoietin-Expressing Mesenchymal Stem Cells. Frontiers in Cell and Developmental Biology, 2021, 9, 652065.	1.8	1
10	Transplanted Erythropoietin-Expressing Mesenchymal Stem Cells Promote Pro-survival Gene Expression and Protect Photoreceptors From Sodium Iodate-Induced Cytotoxicity in a Retinal Degeneration Model. Frontiers in Cell and Developmental Biology, 2021, 9, 652017.	1.8	4
11	Lipofection of Single Guide RNA Targeting MMP8 Decreases Proliferation and Migration in Lung Adenocarcinoma Cells. Medicina (Lithuania), 2021, 57, 710.	0.8	0
12	Stem Cell Therapy in Dengue Virus-Infected BALB/C Mice Improves Hepatic Injury. Frontiers in Cell and Developmental Biology, 2021, 9, 637270.	1.8	4
13	Glycyrrhizic Acid: A Natural Plant Ingredient as a Drug Candidate to Treat COVID-19. Frontiers in Pharmacology, 2021, 12, 707205.	1.6	15
14	Mechanisms and Impact of Biofilms and Targeting of Biofilms Using Bioactive Compounds—A Review. Medicina (Lithuania), 2021, 57, 839.	0.8	32
15	Hypoxia in Bone and Oxygen Releasing Biomaterials in Fracture Treatments Using Mesenchymal Stem Cell Therapy: A Review. Frontiers in Cell and Developmental Biology, 2021, 9, 634131.	1.8	8
16	Overview on toxicity of nanoparticles, its mechanism, models used in toxicity studies and disposal methods—A review. Biocatalysis and Agricultural Biotechnology, 2021, 36, 102117.	1.5	35
17	Nanoparticle-Encapsulated Camptothecin: Epigenetic Modulation in DNA Repair Mechanisms in Colon Cancer Cells. Molecules, 2021, 26, 5414.	1.7	2
18	The Synthesis, Characterization and Applications of Polyhydroxyalkanoates (PHAs) and PHA-Based Nanoparticles. Polymers, 2021, 13, 3302.	2.0	33

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19	Local Trends of Antibiotic Prescriptions for Necrotizing Fasciitis Patients in Two Tertiary Care Hospitals in Central Malaysia. <i>Antibiotics</i> , 2021, 10, 1120.	1.5	3
20	Camptothecin Encapsulated in $\beta$ -Cyclodextrin-EDTA-Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Induce Metabolic Reprogramming Repair in HT29 Cancer Cells through Epigenetic Modulation: A Bioinformatics Approach. <i>Nanomaterials</i> , 2021, 11, 3163.	1.9	4
21	Treatment of HT29 Human Colorectal Cancer Cell Line with Nanocarrier-Encapsulated Camptothecin Reveals Histone Modifier Genes in the Wnt Signaling Pathway as Important Molecular Cues for Colon Cancer Targeting. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12286.	1.8	4
22	Utilization of <i>Carica papaya</i> latex on coating of SPIONs for dye removal and drug delivery. <i>Scientific Reports</i> , 2021, 11, 24511.	1.6	8
23	Utilization of gum polysaccharide of <i>Araucaria heterophylla</i> and <i>Azadirachta indica</i> for encapsulation of cyfluthrin loaded super paramagnetic iron oxide nanoparticles for mosquito larvicidal activity. <i>International Journal of Biological Macromolecules</i> , 2020, 153, 1024-1034.	3.6	18
24	Looking into dental pulp stem cells in the therapy of photoreceptors and retinal degenerative disorders. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 203, 111727.	1.7	6
25	Effect of cell culture biomaterials for completely xeno-free generation of human induced pluripotent stem cells. <i>Biomaterials</i> , 2020, 230, 119638.	5.7	31
26	Production, characterization and application of nanocarriers made of polysaccharides, proteins, bio-polyesters and other biopolymers: A review. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 3088-3105.	3.6	63
27	Impact of the Inflow Population From Outbreak Areas on the COVID-19 Epidemic in Yunnan Province and the Recommended Control Measures: A Preliminary Study. <i>Frontiers in Public Health</i> , 2020, 8, 609974.	1.3	3
28	Thermoresponsive surfaces designed for the proliferation and differentiation of human pluripotent stem cells. <i>Acta Biomaterialia</i> , 2020, 116, 162-173.	4.1	12
29	Phthalates exposure and attention-deficit/hyperactivity disorder in children: a systematic review of epidemiological literature. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44757-44770.	2.7	13
30	Alteration of the Gut Microbiome in Normal and Overweight School Children from Selangor with Lactobacillus Fermented Milk Administration. <i>Evolutionary Bioinformatics</i> , 2020, 16, 117693432096594.	0.6	10
31	Potential Factors Influencing Repeated SARS Outbreaks in China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1633.	1.2	126
32	Colonization of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) among Medical Students in Tertiary Institution in Central Malaysia. <i>Antibiotics</i> , 2020, 9, 382.	1.5	3
33	Efficient differentiation of human pluripotent stem cells into cardiomyocytes on cell sorting thermoresponsive surface. <i>Biomaterials</i> , 2020, 253, 120060.	5.7	29
34	&lt;p&gt;Extraction, Purification, and Characterization of Polysaccharides of &lt;em&gt;Araucaria heterophylla&lt;/em&gt; L and &lt;em&gt;Prosopis chilensis&lt;/em&gt; L and Utilization of Polysaccharides in Nanocarrier Synthesis&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7097-7115.	3.3	27
35	The Differences between the Expression Levels of AXE-TXE Genes in Chloramphenicol-Sensitive and Penicillin-Resistant <i>Enterococcus faecium</i> Isolates. <i>Sains Malaysiana</i> , 2020, 49, 1401-1410.	0.3	0
36	Application of Phenotype Microarray for Profiling Carbon Sources Utilization between Biofilm and Non-Biofilm of <i>Pseudomonas aeruginosa</i> from Clinical Isolates. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 1539-1550.	0.9	3

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37	Purification, characterization and utilization of polysaccharide of <i>Araucaria heterophylla</i> gum for the synthesis of curcumin loaded nanocarrier. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 393-400.	3.6	35
38	The design of a thermoresponsive surface for the continuous culture of human pluripotent stem cells. <i>Biomaterials</i> , 2019, 221, 119411.	5.7	18
39	&lt;p&gt;Surface-Engineered Super-Paramagnetic Iron Oxide Nanoparticles For Chromium Removal&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8105-8119.	3.3	43
40	Misunderstanding of Leptospirosis. <i>Acta Tropica</i> , 2019, 197, 105046.	0.9	2
41	Retinal degeneration rat model: A study on the structural and functional changes in the retina following injection of sodium iodate. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 196, 111514.	1.7	27
42	Empowering Mesenchymal Stem Cells for Ocular Degenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1784.	1.8	24
43	Genetically-modified human mesenchymal stem cells to express erythropoietin enhances differentiation into retinal photoreceptors: An in-vitro study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 195, 33-38.	1.7	11
44	Physiological and proteomic analysis of <i>Stenotrophomonas maltophilia</i> grown under the iron-limited condition. <i>Future Microbiology</i> , 2019, 14, 1417-1428.	1.0	2
45	Mechanisms of Oral Bacterial Virulence Factors in Pancreatic Cancer. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 412.	1.8	13
46	Distribution and prevalence of microorganisms causing diabetic foot infection in Hospital Serdang and Hospital Ampang for the year 2010 to 2014. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 256-260.	1.5	6
47	Morphological and genetical changes of endothelial progenitor cells after in - vitro conversion into photoreceptors. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 183, 127-132.	1.7	4
48	Bismuth Oxyiodide Nanoflakes Showed Toxicity Against the Malaria Vector <i>Anopheles stephensi</i> and In Vivo Antiplasmodial Activity. <i>Journal of Cluster Science</i> , 2018, 29, 337-344.	1.7	7
49	Human Pluripotent Stem Cell Culture on Polyvinyl Alcohol-Co-Itaconic Acid Hydrogels with Varying Stiffness Under Xeno-Free Conditions. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	6
50	Recent updates on phthalate exposure and human health: a special focus on liver toxicity and stem cell regeneration. <i>Environmental Science and Pollution Research</i> , 2018, 25, 11333-11342.	2.7	54
51	<i>Suaeda maritima</i> -based herbal coils and green nanoparticles as potential biopesticides against the dengue vector <i>Aedes aegypti</i> and the tobacco cutworm <i>Spodoptera litura</i> . <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 225-235.	1.3	64
52	<i>Sargassum wightii</i> -synthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector <i>Anopheles stephensi</i> and cotton bollworm <i>Helicoverpa armigera</i> . <i>Physiological and Molecular Plant Pathology</i> , 2018, 101, 202-213.	1.3	68
53	Mosquito control with green nanopesticides: towards the One Health approach? A review of non-target effects. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10184-10206.	2.7	111
54	Iron and iron oxide nanoparticles are highly toxic to <i>Culex quinquefasciatus</i> with little non-target effects on larvivorous fishes. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10504-10514.	2.7	33

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55	Poly(Styrene Sulfonate)/Poly(Allylamine Hydrochloride) Encapsulation of TiO <sub>2</sub> Nanoparticles Boosts Their Toxic and Repellent Activity Against Zika Virus Mosquito Vectors. <i>Journal of Cluster Science</i> , 2018, 29, 27-39.	1.7	11
56	Managing wastes as green resources: cigarette butt-synthesized pesticides are highly toxic to malaria vectors with little impact on predatory copepods. <i>Environmental Science and Pollution Research</i> , 2018, 25, 10456-10470.	2.7	24
57	A mannose-conjugated multi-layered polymeric nanocarrier system for controlled and targeted release on alveolar macrophages. <i>Polymer Chemistry</i> , 2018, 9, 656-667.	1.9	23
58	Gold Nanoparticles Inducing Osteogenic Differentiation of Stem Cells: A Review. <i>Journal of Cluster Science</i> , 2018, 29, 1-7.	1.7	26
59	Development of self-repair nano-rod scaffold materials for implantation of osteosarcoma affected bone tissue. <i>New Journal of Chemistry</i> , 2018, 42, 725-734.	1.4	16
60	Iron and Virulence in <i>Stenotrophomonas maltophilia</i> : All We Know So Far. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 401.	1.8	32
61	Modulatory and regenerative potential of transplanted bone marrow-derived mesenchymal stem cells on rifampicin-induced kidney toxicity. <i>Regenerative Therapy</i> , 2018, 9, 100-110.	1.4	7
62	Cisplatin-Loaded Graphene Oxide/Chitosan/Hydroxyapatite Composite as a Promising Tool for Osteosarcoma-Affected Bone Regeneration. <i>ACS Omega</i> , 2018, 3, 14620-14633.	1.6	76
63	Pharmacological insights into antioxidants against colorectal cancer: A detailed review of the possible mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 1514-1522.	2.5	19
64	Suppression of Proinflammatory Cytokines and Mediators in LPS-Induced RAW 264.7 Macrophages by Stem Extract of <i>Alternanthera sessilis</i> via the Inhibition of the NF- $\kappa$ B Pathway. <i>Journal of Immunology Research</i> , 2018, 2018, 1-12.	0.9	66
65	The "Checkmate"™ for Iron Between Human Host and Invading Bacteria: Chess Game Analogy. <i>Indian Journal of Microbiology</i> , 2018, 58, 257-267.	1.5	5
66	In Vitro Wound Healing Potential of Stem Extract of <i>Alternanthera sessilis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-13.	0.5	78
67	Repeated infections of dengue (serotype DENV-2) in lung cells of BALB/c mice lead to severe histopathological consequences. <i>Pathogens and Global Health</i> , 2018, 112, 259-267.	1.0	2
68	Designing of the Anticancer Nanocomposite with Sustained Release Properties by Using Graphene Oxide Nanocarrier with Phenethyl Isothiocyanate as Anticancer Agent. <i>Pharmaceutics</i> , 2018, 10, 109.	2.0	26
69	Recent Updates on Treatment of Ocular Microbial Infections by Stem Cell Therapy: A Review. <i>International Journal of Molecular Sciences</i> , 2018, 19, 558.	1.8	12
70	Putative Iron Acquisition Systems in <i>Stenotrophomonas maltophilia</i> . <i>Molecules</i> , 2018, 23, 2048.	1.7	17
71	Human Mesenchymal Stem Cells Expressing Erythropoietin Enhance Survivability of Retinal Neurons Against Oxidative Stress: An In Vitro Study. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 190.	1.8	12
72	Bone breaking infections – A focus on bacterial and mosquito-borne viral infections. <i>Microbial Pathogenesis</i> , 2018, 122, 130-136.	1.3	9

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73	Purification and differentiation of human adipose-derived stem cells by membrane filtration and membrane migration methods. <i>Scientific Reports</i> , 2017, 7, 40069.	1.6	22
74	Micro-anatomical changes in major blood vessel caused by dengue virus (serotype 2) infection. <i>Acta Tropica</i> , 2017, 171, 213-219.	0.9	5
75	Structural, spectral, quantum chemical and thermal studies on a new NLO crystal: guanidinium cinnamate. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12484-12496.	1.1	29
76	Green-synthesized CdS nano-pesticides: Toxicity on young instars of malaria vectors and impact on enzymatic activities of the non-target mud crab <i>Scylla serrata</i> . <i>Aquatic Toxicology</i> , 2017, 188, 100-108.	1.9	40
77	Proliferation and osteogenic differentiation of amniotic fluid-derived stem cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5345-5354.	2.9	11
78	Xeno-free culture of human pluripotent stem cells on oligopeptide-grafted hydrogels with various molecular designs. <i>Scientific Reports</i> , 2017, 7, 45146.	1.6	42
79	Mineral-substituted hydroxyapatite reinforced poly(raffinose-citric acid)â€“polyethylene glycol nanocomposite enhances osteogenic differentiation and induces ectopic bone formation. <i>New Journal of Chemistry</i> , 2017, 41, 3036-3047.	1.4	11
80	Impact of dengue virus (serotype DENV-2) infection on liver of BALB/c mice: A histopathological analysis. <i>Tissue and Cell</i> , 2017, 49, 86-94.	1.0	21
81	Stem cell culture on polyvinyl alcohol hydrogels having different elasticity and immobilized with ECM-derived oligopeptides. <i>Journal of Polymer Engineering</i> , 2017, 37, 647-660.	0.6	17
82	Towards Bio-Encapsulation of Chitosan-Silver Nanocomplex? Impact on Malaria Mosquito Vectors, Human Breast Adenocarcinoma Cells (MCF-7) and Behavioral Traits of Non-target Fishes. <i>Journal of Cluster Science</i> , 2017, 28, 529-550.	1.7	16
83	Cytotoxicity assessment of palbociclib-loaded chitosan-polypropylene glycol nano vehicles for cancer chemotherapy. <i>Materials Today Chemistry</i> , 2017, 6, 26-33.	1.7	21
84	Magneto-chemotherapy for cervical cancer treatment with camptothecin loaded Fe <sub>3</sub> O <sub>4</sub> functionalized Î²-cyclodextrin nanovehicle. <i>RSC Advances</i> , 2017, 7, 46271-46285.	1.7	31
85	3D modelling of the pathogenic <i>Leptospira</i> protein LipL32: A bioinformatics approach. <i>Acta Tropica</i> , 2017, 176, 433-439.	0.9	3
86	Leptospirosis: Molecular trial path and immunopathogenesis correlated with dengue, malaria and mimetic hemorrhagic infections. <i>Acta Tropica</i> , 2017, 176, 206-223.	0.9	18
87	Nanoparticles as effective acaricides against ticksâ€“A review. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 821-826.	1.1	72
88	Efficiency of newly formulated camptothecin with Î²-cyclodextrin-EDTA-Fe <sub>3</sub> O <sub>4</sub> nanoparticle-conjugated nanocarriers as an anti-colon cancer (HT29) drug. <i>Scientific Reports</i> , 2017, 7, 10962.	1.6	54
89	Zn <sup>2+</sup> cross-linked sodium alginate-g-allylamine-mannose polymeric carrier of rifampicin for macrophage targeting tuberculosis nanotherapy. <i>New Journal of Chemistry</i> , 2017, 41, 11324-11334.	1.4	30
90	Stem cell therapies for myocardial infarction in clinical trials: bioengineering and biomaterial aspects. <i>Laboratory Investigation</i> , 2017, 97, 1167-1179.	1.7	46

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91	Stem Cell Therapies for Reversing Vision Loss. Trends in Biotechnology, 2017, 35, 1102-1117.	4.9	54
92	Genomic plasticity between human and mycobacterial DNA: A review. Tuberculosis, 2017, 107, 38-47.	0.8	11
93	The synthesis, characterization and in vivo study of mineral substituted hydroxyapatite for prospective bone tissue rejuvenation applications. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 2661-2669.	1.7	24
94	Nanofabrication of Graphene Quantum Dots with High Toxicity Against Malaria Mosquitoes, Plasmodium falciparum and MCF-7 Cancer Cells: Impact on Predation of Non-target Tadpoles, Odonate Nymphs and Mosquito Fishes. Journal of Cluster Science, 2017, 28, 393-411.	1.7	31
95	Magnetic nanoparticles are highly toxic to chloroquine-resistant Plasmodium falciparum, dengue virus (DEN-2), and their mosquito vectors. Parasitology Research, 2017, 116, 495-502.	0.6	46
96	Do Chenopodium ambrosioides-Synthesized Silver Nanoparticles Impact Oryzias melastigma Predation Against Aedes albopictus Larvae?. Journal of Cluster Science, 2017, 28, 413-436.	1.7	20
97	Mosquitocidal, Antimalarial and Antidiabetic Potential of Musa paradisiaca-Synthesized Silver Nanoparticles: In Vivo and In Vitro Approaches. Journal of Cluster Science, 2017, 28, 91-107.	1.7	26
98	Structural, quantum chemical, vibrational and thermal studies of a hydrogen bonded zwitterionic co-crystal (nicotinic acid: pyrogallol). Journal of Molecular Structure, 2017, 1129, 113-120.	1.8	15
99	Flower-Like Copper Sulfide Nanocrystals are Highly Effective Against Chloroquine-Resistant Plasmodium falciparum and the Malaria Vector Anopheles stephensi. Journal of Cluster Science, 2017, 28, 581-594.	1.7	8
100	Micro-Computed Tomography Detection of Gold Nanoparticle-Labelled Mesenchymal Stem Cells in the Rat Subretinal Layer. International Journal of Molecular Sciences, 2017, 18, 345.	1.8	24
101	Cellular Reparative Mechanisms of Mesenchymal Stem Cells for Retinal Diseases. International Journal of Molecular Sciences, 2017, 18, 1406.	1.8	61
102	Human CD3+ T-Cells with the Anti-ERBB2 Chimeric Antigen Receptor Exhibit Efficient Targeting and Induce Apoptosis in ERBB2 Overexpressing Breast Cancer Cells. International Journal of Molecular Sciences, 2017, 18, 1797.	1.8	21
103	Chemical composition of Moringa oleifera ethyl acetate fraction and its biological activity in diabetic human dermal fibroblasts. Pharmacognosy Magazine, 2017, 13, 462.	0.3	7
104	Overcoming the Challenge of Transduction of Human T-cells with Chimeric Antigen Receptor (CAR) Specific for ERBB2 Antigen. Sains Malaysiana, 2017, 46, 1831-1838.	0.3	0
105	A Low Prevalence of Inducible Macrolide, Lincosamide, and Streptogramin B Resistance Phenotype among Methicillin-Susceptible Staphylococcus aureus Isolated from Malaysian Patients and Healthy Individuals. Jundishapur Journal of Microbiology, 2016, 9, e37148.	0.2	5
106	Stem Cell Therapy for Treatment of Ocular Disorders. Stem Cells International, 2016, 2016, 1-18.	1.2	30
107	Role of Antioxidants and Natural Products in Inflammation. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-15.	1.9	559
108	Anti-Inflammatory Potential of Ethyl Acetate Fraction of Moringa oleifera in Downregulating the NF- $\kappa$ B Signaling Pathway in Lipopolysaccharide-Stimulated Macrophages. Molecules, 2016, 21, 1452.	1.7	50

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109	Crystal structure of ethyl 2-[2-(4-methylbenzoyl)-5-p-tolyl-1H-imidazol-1-yl]acetate. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 347-349.	0.2	0
110	Long-term xeno-free culture of human pluripotent stem cells on hydrogels with optimal elasticity. Scientific Reports, 2016, 5, 18136.	1.6	58
111	Data of continuous harvest of stem cells via partial detachment from thermoresponsive nanobrush surfaces. Data in Brief, 2016, 6, 603-608.	0.5	1
112	Fabrication of nano-mosquitocides using chitosan from crab shells: Impact on non-target organisms in the aquatic environment. Ecotoxicology and Environmental Safety, 2016, 132, 318-328.	2.9	37
113	Development of biomaterial surfaces with and without microbial nanosegments. Journal of Polymer Engineering, 2016, 36, 1-12.	0.6	6
114	Hydrothermal synthesis of titanium dioxide nanoparticles: mosquitocidal potential and anticancer activity on human breast cancer cells (MCF-7). Parasitology Research, 2016, 115, 1085-1096.	0.6	110
115	Earthworm-mediated synthesis of silver nanoparticles: A potent tool against hepatocellular carcinoma, Plasmodium falciparum parasites and malaria mosquitoes. Parasitology International, 2016, 65, 276-284.	0.6	73
116	Green-synthesised nanoparticles from <i>Melia azedarach</i> seeds and the cyclopoid crustacean <i>Cyclops vernalis</i> : an eco-friendly route to control the malaria vector <i>Anopheles stephensi</i> ?. Natural Product Research, 2016, 30, 2077-2084.	1.0	16
117	Fern-synthesized nanoparticles in the fight against malaria: LC/MS analysis of Pteridium aquilinum leaf extract and biosynthesis of silver nanoparticles with high mosquitocidal and antiplasmodial activity. Parasitology Research, 2016, 115, 997-1013.	0.6	108
118	Continuous harvest of stem cells via partial detachment from thermoresponsive nanobrush surfaces. Biomaterials, 2016, 76, 76-86.	5.7	45
119	Rapid biosynthesis of silver nanoparticles using <i>Crotalaria verrucosa</i> leaves against the dengue vector <i>Aedes aegypti</i> : what happens around? An analysis of dragonfly predatory behaviour after exposure at ultra-low doses. Natural Product Research, 2016, 30, 826-833.	1.0	21
120	Single crystal XRD, vibrational and quantum chemical calculation of pharmaceutical drug paracetamol: A new synthesis form. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 488-498.	2.0	9
121	Seaweed-synthesized silver nanoparticles: an eco-friendly tool in the fight against Plasmodium falciparum and its vector Anopheles stephensi?. Parasitology Research, 2015, 114, 4087-4097.	0.6	91
122	A hybrid-membrane migration method to isolate high-purity adipose-derived stem cells from fat tissues. Scientific Reports, 2015, 5, 10217.	1.6	22
123	Structural and vibrational spectral studies on hydrogen bonded salts: 4-chloroanilinium maleate and nitrate. Journal of Chemical Sciences, 2015, 127, 1435-1450.	0.7	6
124	Growth and characterization of K <sub>2</sub> Zn Ni <sup>1+</sup> (SO <sub>4</sub> ) <sub>2</sub> ·6H <sub>2</sub> O mixed crystals for UV filters. Optik, 2015, 126, 4553-4556.	1.4	10
125	Physical cues of cell culture materials lead the direction of differentiation lineages of pluripotent stem cells. Journal of Materials Chemistry B, 2015, 3, 8032-8058.	2.9	67
126	Eco-friendly control of malaria and arbovirus vectors using the mosquitofish Gambusia affinis and ultra-low dosages of Mimulus elengi-synthesized silver nanoparticles: towards an integrative approach?. Environmental Science and Pollution Research, 2015, 22, 20067-20083.	2.7	94



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127	Odontogenic epithelial stem cells: hidden sources. <i>Laboratory Investigation</i> , 2015, 95, 1344-1352.	1.7	24
128	Generation of pluripotent stem cells without the use of genetic material. <i>Laboratory Investigation</i> , 2015, 95, 26-42.	1.7	62
129	Recent Developments in $\hat{i}^2$ -Cell Differentiation of Pluripotent Stem Cells Induced by Small and Large Molecules. <i>International Journal of Molecular Sciences</i> , 2014, 15, 23418-23447.	1.8	25
130	Preparation of induced pluripotent stem cells on dishes grafted on oligopeptide under feeder-free conditions. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 295-301.	2.7	16
131	Design of polymeric materials for culturing human pluripotent stem cells: Progress toward feeder-free and xeno-free culturing. <i>Progress in Polymer Science</i> , 2014, 39, 1348-1374.	11.8	66
132	Purification of human adipose-derived stem cells from fat tissues using PLGA/silk screen hybrid membranes. <i>Biomaterials</i> , 2014, 35, 4278-4287.	5.7	24
133	External stimulus-responsive biomaterials designed for the culture and differentiation of ES, iPS, and adult stem cells. <i>Progress in Polymer Science</i> , 2014, 39, 1585-1613.	11.8	63
134	The combined influence of substrate elasticity and surface-grafted molecules on the ex vivo expansion of hematopoietic stem and progenitor cells. <i>Biomaterials</i> , 2013, 34, 7632-7644.	5.7	43
135	Serratiopeptidase: a statistical approach towards enhancement of fermentation and biomass product recovery. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	2