

# Suresh Kumar Subbiah

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Role of Antioxidants and Natural Products in Inflammation. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-15.	1.9	559
2	Potential Factors Influencing Repeated SARS Outbreaks in China. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1633.	1.2	126
3	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
4	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
5	Fern-synthesized nanoparticles in the fight against malaria: LC/MS analysis of <i>Pteridium aquilinum</i> leaf extract and biosynthesis of silver nanoparticles with high mosquitocidal and antiplasmodial activity. <i>Parasitology Research</i> , 2016, 115, 997-1013.	0.6	108
6	Eco-friendly control of malaria and arbovirus vectors using the mosquitofish <i>Gambusia affinis</i> and ultra-low dosages of <i>Mimusops elengi</i> -synthesized silver nanoparticles: towards an integrative approach?. <i>Environmental Science and Pollution Research</i> , 2015, 22, 20067-20083.	2.7	94
7	Seaweed-synthesized silver nanoparticles: an eco-friendly tool in the fight against <i>Plasmodium falciparum</i> and its vector <i>Anopheles stephensi</i> ?. <i>Parasitology Research</i> , 2015, 114, 4087-4097.	0.6	91
8	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
9	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
10	Earthworm-mediated synthesis of silver nanoparticles: A potent tool against hepatocellular carcinoma, <i>Plasmodium falciparum</i> parasites and malaria mosquitoes. <i>Parasitology International</i> , 2016, 65, 276-284.	0.6	73
11	Nanoparticles as effective acaricides against ticks—A review. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 821-826.	1.1	72
12	<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
13	Physical cues of cell culture materials lead the direction of differentiation lineages of pluripotent stem cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 8032-8058.	2.9	67
14	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
15	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
16	<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
17	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
18	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

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19	Generation of pluripotent stem cells without the use of genetic material. <i>Laboratory Investigation</i> , 2015, 95, 26-42.	1.7	62
20	Cellular Reparative Mechanisms of Mesenchymal Stem Cells for Retinal Diseases. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1406.	1.8	61
21	Long-term xeno-free culture of human pluripotent stem cells on hydrogels with optimal elasticity. <i>Scientific Reports</i> , 2016, 5, 18136.	1.6	58
22	Efficiency of newly formulated camptothecin with $\beta$ -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
23	Stem Cell Therapies for Reversing Vision Loss. <i>Trends in Biotechnology</i> , 2017, 35, 1102-1117.	4.9	54
24	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
25	Anti-Inflammatory Potential of Ethyl Acetate Fraction of <i>Moringa oleifera</i> in Downregulating the NF- $\kappa$ B Signaling Pathway in Lipopolysaccharide-Stimulated Macrophages. <i>Molecules</i> , 2016, 21, 1452.	1.7	50
26	Stem cell therapies for myocardial infarction in clinical trials: bioengineering and biomaterial aspects. <i>Laboratory Investigation</i> , 2017, 97, 1167-1179.	1.7	46
27	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
28	Continuous harvest of stem cells via partial detachment from thermoresponsive nanobrush surfaces. <i>Biomaterials</i> , 2016, 76, 76-86.	5.7	45
29	Leptospirosis Infection, Pathogenesis and Its Diagnosis—A Review. <i>Pathogens</i> , 2021, 10, 145.	1.2	45
30	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
31	Surface-Engineered Super-Paramagnetic Iron Oxide Nanoparticles For Chromium Removal. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 8105-8119.	3.3	43
32	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
33	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
34	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
35	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
36	Overview on toxicity of nanoparticles, its mechanism, models used in toxicity studies and disposal methods—A review. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 36, 102117.	1.5	35

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37	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
38	The Synthesis, Characterization and Applications of Polyhydroxyalkanoates (PHAs) and PHA-Based Nanoparticles. <i>Polymers</i> , 2021, 13, 3302.	2.0	33
39	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
40	Mechanisms and Impact of Biofilms and Targeting of Biofilms Using Bioactive Compounds—A Review. <i>Medicina (Lithuania)</i> , 2021, 57, 839.	0.8	32
41	Magneto-chemotherapy for cervical cancer treatment with camptothecin loaded Fe <sub>3</sub> O <sub>4</sub> functionalized $\beta$ -cyclodextrin nanovehicle. <i>RSC Advances</i> , 2017, 7, 46271-46285.	1.7	31
42	Nanofabrication of Graphene Quantum Dots with High Toxicity Against Malaria Mosquitoes, <i>Plasmodium falciparum</i> and MCF-7 Cancer Cells: Impact on Predation of Non-target Tadpoles, Odonate Nymphs and Mosquito Fishes. <i>Journal of Cluster Science</i> , 2017, 28, 393-411.	1.7	31
43	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
44	Stem Cell Therapy for Treatment of Ocular Disorders. <i>Stem Cells International</i> , 2016, 2016, 1-18.	1.2	30
45	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
46	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
47	Efficient differentiation of human pluripotent stem cells into cardiomyocytes on cell sorting thermoresponsive surface. <i>Biomaterials</i> , 2020, 253, 120060.	5.7	29
48	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
49	Extraction, Purification, and Characterization of Polysaccharides of <i>Araucaria heterophylla</i> ; L and <i>Prosopis chilensis</i> ; L and Utilization of Polysaccharides in Nanocarrier Synthesis. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 7097-7115.	3.3	27
50	Mosquitocidal, Antimalarial and Antidiabetic Potential of <i>Musa paradisiaca</i> -Synthesized Silver Nanoparticles: In Vivo and In Vitro Approaches. <i>Journal of Cluster Science</i> , 2017, 28, 91-107.	1.7	26
51	Gold Nanoparticles Inducing Osteogenic Differentiation of Stem Cells: A Review. <i>Journal of Cluster Science</i> , 2018, 29, 1-7.	1.7	26
52	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
53	Recent Developments in $\beta$ -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
54	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

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55	Odontogenic epithelial stem cells: hidden sources. <i>Laboratory Investigation</i> , 2015, 95, 1344-1352.	1.7	24
56	The synthesis, characterization and in vivo study of mineral substituted hydroxyapatite for prospective bone tissue rejuvenation applications. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 2661-2669.	1.7	24
57	Micro-Computed Tomography Detection of Gold Nanoparticle-Labelled Mesenchymal Stem Cells in the Rat Subretinal Layer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 345.	1.8	24
58	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
59	Empowering Mesenchymal Stem Cells for Ocular Degenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1784.	1.8	24
60	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
61	Bioactive Potential of Brown Algae. <i>Adsorption Science and Technology</i> , 2022, 2022, .	1.5	23
62	A hybrid-membrane migration method to isolate high-purity adipose-derived stem cells from fat tissues. <i>Scientific Reports</i> , 2015, 5, 10217.	1.6	22
63	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
64	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. <i>Natural Product Research</i> , 2016, 30, 826-833.	1.0	21
65	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
66	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
67	Human CD3+ T-Cells with the Anti-ERBB2 Chimeric Antigen Receptor Exhibit Efficient Targeting and Induce Apoptosis in ERBB2 Overexpressing Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1797.	1.8	21
68	Do <i>Chenopodium ambrosioides</i> -Synthesized Silver Nanoparticles Impact <i>Oryzias melastigma</i> Predation Against <i>Aedes albopictus</i> Larvae?. <i>Journal of Cluster Science</i> , 2017, 28, 413-436.	1.7	20
69	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
70	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
71	The design of a thermoresponsive surface for the continuous culture of human pluripotent stem cells. <i>Biomaterials</i> , 2019, 221, 119411.	5.7	18
72	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

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73	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
74	Putative Iron Acquisition Systems in <i>Stenotrophomonas maltophilia</i> . <i>Molecules</i> , 2018, 23, 2048.	1.7	17
75	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
76	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> . <i>Natural Product Research</i> , 2016, 30, 2077-2084.	1.0	16
77	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
78	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
79	Structural, quantum chemical, vibrational and thermal studies of a hydrogen bonded zwitterionic co-crystal (nicotinic acid: pyrogallol). <i>Journal of Molecular Structure</i> , 2017, 1129, 113-120.	1.8	15
80	Glycyrrhizic Acid: A Natural Plant Ingredient as a Drug Candidate to Treat COVID-19. <i>Frontiers in Pharmacology</i> , 2021, 12, 707205.	1.6	15
81	Mechanisms of Oral Bacterial Virulence Factors in Pancreatic Cancer. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 412.	1.8	13
82	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
83	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
84	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
85	Thermoresponsive surfaces designed for the proliferation and differentiation of human pluripotent stem cells. <i>Acta Biomaterialia</i> , 2020, 116, 162-173.	4.1	12
86	Proliferation and osteogenic differentiation of amniotic fluid-derived stem cells. <i>Journal of Materials Chemistry B</i> , 2017, 5, 5345-5354.	2.9	11
87	Mineral-substituted hydroxyapatite reinforced poly(raffinose-citric acid)-polyethylene glycol nanocomposite enhances osteogenic differentiation and induces ectopic bone formation. <i>New Journal of Chemistry</i> , 2017, 41, 3036-3047.	1.4	11
88	Genomic plasticity between human and mycobacterial DNA: A review. <i>Tuberculosis</i> , 2017, 107, 38-47.	0.8	11
89	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
90	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

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91	Waste-Derived Cellulosic Fibers and Their Applications. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-13.	1.0	11
92	Growth and characterization of $K_2ZnNi(SO_4)_2 \cdot 6H_2O$ mixed crystals for UV filters. <i>Optik</i> , 2015, 126, 4553-4556.	1.4	10
93	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
94	Human Dental Pulp Stem Cells (DPSCs) Therapy in Rescuing Photoreceptors and Establishing a Sodium Iodate-Induced Retinal Degeneration Rat Model. <i>Tissue Engineering and Regenerative Medicine</i> , 2021, 18, 143-154.	1.6	10
95	Single crystal XRD, vibrational and quantum chemical calculation of pharmaceutical drug paracetamol: A new synthesis form. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 488-498.	2.0	9
96	Bone breaking infections – A focus on bacterial and mosquito-borne viral infections. <i>Microbial Pathogenesis</i> , 2018, 122, 130-136.	1.3	9
97	Flower-Like Copper Sulfide Nanocrystals are Highly Effective Against Chloroquine-Resistant <i>Plasmodium falciparum</i> and the Malaria Vector <i>Anopheles stephensi</i> . <i>Journal of Cluster Science</i> , 2017, 28, 581-594.	1.7	8
98	Hypoxia in Bone and Oxygen Releasing Biomaterials in Fracture Treatments Using Mesenchymal Stem Cell Therapy: A Review. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634131.	1.8	8
99	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
100	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
101	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
102	Chemical composition of <i>Moringa oleifera</i> ethyl acetate fraction and its biological activity in diabetic human dermal fibroblasts. <i>Pharmacognosy Magazine</i> , 2017, 13, 462.	0.3	7
103	Structural and vibrational spectral studies on hydrogen bonded salts: 4-chloroanilinium maleate and nitrate. <i>Journal of Chemical Sciences</i> , 2015, 127, 1435-1450.	0.7	6
104	Development of biomaterial surfaces with and without microbial nanosegments. <i>Journal of Polymer Engineering</i> , 2016, 36, 1-12.	0.6	6
105	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
106	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
107	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
108	Transient characteristics of universal cells on human-induced pluripotent stem cells and their differentiated cells derived from foetal stem cells with mixed donor sources. <i>Cell Proliferation</i> , 2021, 54, e12995.	2.4	6

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109	A Low Prevalence of Inducible Macrolide, Lincosamide, and Streptogramin B Resistance Phenotype among Methicillin-Susceptible <i>Staphylococcus aureus</i> Isolated from Malaysian Patients and Healthy Individuals. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e37148.	0.2	5
110	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
111	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
112	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
113	Transplanted Erythropoietin-Expressing Mesenchymal Stem Cells Promote Pro-survival Gene Expression and Protect Photoreceptors From Sodium Iodate-Induced Cytotoxicity in a Retinal Degeneration Model. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 652017.	1.8	4
114	Stem Cell Therapy in Dengue Virus-Infected BALB/C Mice Improves Hepatic Injury. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 637270.	1.8	4
115	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
116	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
117	3D modelling of the pathogenic <i>Leptospira</i> protein LipL32: A bioinformatics approach. <i>Acta Tropica</i> , 2017, 176, 433-439.	0.9	3
118	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
119	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
120	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
121	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
122	Differential Regulation of NK Cell Receptors in Acute Lymphoblastic Leukemia. <i>Journal of Immunology Research</i> , 2022, 2022, 1-13.	0.9	3
123	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
124	Misunderstanding of Leptospirosis. <i>Acta Tropica</i> , 2019, 197, 105046.	0.9	2
125	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
126	Metabolic utilization of human osteoblast cell line hFOB 1.19 under normoxic and hypoxic conditions: A phenotypic microarray analysis. <i>Experimental Biology and Medicine</i> , 2021, 246, 1177-1183.	1.1	2



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127	Nanoparticle-Encapsulated Camptothecin: Epigenetic Modulation in DNA Repair Mechanisms in Colon Cancer Cells. <i>Molecules</i> , 2021, 26, 5414.	1.7	2
128	Serratiopeptidase: a statistical approach towards enhancement of fermentation and biomass product recovery. <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	2
129	Data of continuous harvest of stem cells via partial detachment from thermoresponsive nanobrush surfaces. <i>Data in Brief</i> , 2016, 6, 603-608.	0.5	1
130	Mitigation of Sodium Iodate-Induced Cytotoxicity in Retinal Pigment Epithelial Cells in vitro by Transgenic Erythropoietin-Expressing Mesenchymal Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 652065.	1.8	1
131	Rescue of photoreceptor with human mesenchyme stem cell and human mesenchyme stem cell expressing erythropoietin in total degeneration of retina animal model. <i>Indian Journal of Ophthalmology</i> , 2022, 70, 921.	0.5	1
132	Crystal structure of ethyl 2-[2-(4-methylbenzoyl)-5-p-tolyl-1H-imidazol-1-yl]acetate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 347-349.	0.2	0
133	Lipofection of Single Guide RNA Targeting MMP8 Decreases Proliferation and Migration in Lung Adenocarcinoma Cells. <i>Medicina (Lithuania)</i> , 2021, 57, 710.	0.8	0
134	Overcoming the Challenge of Transduction of Human T-cells with Chimeric Antigen Receptor (CAR) Specific for ERBB2 Antigen. <i>Sains Malaysiana</i> , 2017, 46, 1831-1838.	0.3	0
135	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