

Rajagopalan Vijayaraghavan

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176
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190
ext. papers

6,094
ext. citations

4.1
avg, IF

6
L-index

#	Paper	IF	Citations
176	Enhanced bioactivity of ZnO nanoparticles-an antimicrobial study. <i>Science and Technology of Advanced Materials</i> , 2008 , 9, 035004	7.1	973
175	Insight into the Mechanism of Antibacterial Activity of ZnO: Surface Defects Mediated Reactive Oxygen Species Even in the Dark. <i>Langmuir</i> , 2015 , 31, 9155-62	4	364
174	Comparative toxicity evaluation of cyanobacterial cyclic peptide toxin microcystin variants (LR, RR, YR) in mice. <i>Toxicology</i> , 2003 , 188, 285-96	4.4	336
173	Chemical warfare agents. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2010 , 2, 166-78	1.1	198
172	Characteristic modifications of the breathing pattern of mice to evaluate the effects of airborne chemicals on the respiratory tract. <i>Archives of Toxicology</i> , 1993 , 67, 478-90	5.8	143
171	Immobilization of acetylcholinesterase-choline oxidase on a gold-platinum bimetallic nanoparticles modified glassy carbon electrode for the sensitive detection of organophosphate pesticides, carbamates and nerve agents. <i>Biosensors and Bioelectronics</i> , 2009 , 25, 832-8	11.8	136
170	Greener Electrochemical Synthesis of High Quality Graphene Nanosheets Directly from Pencil and its SPR Sensing Application. <i>Advanced Functional Materials</i> , 2012 , 22, 2352-2362	15.6	116
169	Nanocrystalline zinc oxide for the decontamination of sarin. <i>Journal of Hazardous Materials</i> , 2009 , 165, 928-32	12.8	113
168	Computer assisted recognition and quantitation of the effects of airborne chemicals acting at different areas of the respiratory tract in mice. <i>Archives of Toxicology</i> , 1994 , 68, 490-9	5.8	109
167	Protective effect of various antioxidants on the toxicity of sulphur mustard administered to mice by inhalation or percutaneous routes. <i>Chemico-Biological Interactions</i> , 2001 , 134, 1-12	5	86
166	Size-dependent effect of zinc oxide on toxicity and inflammatory potential of human monocytes. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014 , 77, 177-91	3.2	74
165	Interaction of ZnO nanoparticles with microbes--a physio and biochemical assay. <i>Journal of Biomedical Nanotechnology</i> , 2011 , 7, 813-22	4	73
164	Oxidative stress associated hepatic and renal toxicity induced by ricin in mice. <i>Toxicol</i> , 2003 , 41, 333-8	2.8	73
163	Mechanism of ricin-induced apoptosis in human cervical cancer cells. <i>Biochemical Pharmacology</i> , 2005 , 69, 855-65	6	72
162	Improved Electric Wiring of Hemoglobin with Impure-Multiwalled Carbon Nanotube/Nafion Modified Glassy Carbon Electrode and Its Highly Selective Hydrogen Peroxide Biosensing. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 23692-23703	3.8	69
161	Carbon black particle exhibits size dependent toxicity in human monocytes. <i>International Journal of Inflammation</i> , 2014 , 2014, 827019	6.4	65
160	Dermal intoxication of mice with bis(2-chloroethyl)sulphide and the protective effect of flavonoids. <i>Toxicology</i> , 1991 , 69, 35-42	4.4	61

159	Solution combustion synthesis of bioceramic calcium phosphates by single and mixed fuels: comparative study. <i>Ceramics International</i> , 2008 , 34, 1373-1379	5.1	55
158	Sulphur mustard induced DNA damage in mice after dermal and inhalation exposure. <i>Toxicology</i> , 1999 , 139, 39-51	4.4	55
157	Development and evaluation of reverse transcription loop-mediated isothermal amplification assay for rapid and real-time detection of the swine-origin influenza A H1N1 virus. <i>Journal of Molecular Diagnostics</i> , 2011 , 13, 100-7	5.1	52
156	New diketone based vanadium complexes as insulin mimetics. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 2206-10	6.8	50
155	Modified titania nanotubes for decontamination of sulphur mustard. <i>Journal of Hazardous Materials</i> , 2009 , 167, 1192-7	12.8	49
154	Differential toxicity of sulfur mustard administered through percutaneous, subcutaneous, and oral routes. <i>Toxicology and Applied Pharmacology</i> , 2005 , 202, 180-8	4.6	49
153	Effect of calcinations temperature of CuO nanoparticle on the kinetics of decontamination and decontamination products of sulphur mustard. <i>Journal of Hazardous Materials</i> , 2011 , 192, 1890-5	12.8	47
152	Nanosized zinc oxide induces toxicity in human lung cells. <i>ISRN Toxicology</i> , 2013 , 2013, 316075		46
151	Neurobehavioral impairments, generation of oxidative stress and release of pro-apoptotic factors after chronic exposure to sulphur mustard in mouse brain. <i>Toxicology and Applied Pharmacology</i> , 2009 , 240, 208-18	4.6	46
150	Synthesis and Characterization of Bioceramic Calcium Phosphates by Rapid Combustion Synthesis. <i>Journal of Materials Science and Technology</i> , 2010 , 26, 1114-1118	9.1	45
149	Electroantennogram, flight orientation, and oviposition responses of <i>Aedes aegypti</i> to the oviposition pheromone n-heneicosane. <i>Parasitology Research</i> , 2009 , 104, 827-33	2.4	45
148	Photocatalytic inactivation of <i>Bacillus anthracis</i> by titania nanomaterials. <i>Journal of Hazardous Materials</i> , 2009 , 165, 506-10	12.8	45
147	Highly sensitive amperometric immunosensor for detection of Plasmodium falciparum histidine-rich protein 2 in serum of humans with malaria: comparison with a commercial kit. <i>Journal of Clinical Microbiology</i> , 2008 , 46, 3759-65	9.7	44
146	Sun light assisted photocatalytic decontamination of sulfur mustard using ZnO nanoparticles. <i>Journal of Molecular Catalysis A</i> , 2011 , 349, 55-62		40
145	Conversion from mycophenolate mofetil to enteric-coated mycophenolate sodium in renal transplant recipients with gastrointestinal tract disorders. <i>Transplantation Proceedings</i> , 2008 , 40, 2262-7 ^{1.1}		40
144	Supersensitive detection of T-2 toxin by the in situ synthesized E-conjugated molecularly imprinted nanopatterns. An in situ investigation by surface plasmon resonance combined with electrochemistry. <i>Biosensors and Bioelectronics</i> , 2011 , 26, 2534-40	11.8	39
143	Chemical manipulation of oxygen vacancy and antibacterial activity in ZnO. <i>Materials Science and Engineering C</i> , 2017 , 77, 1027-1034	8.3	37
142	Significance of porous structure on degradation of 2,2' dichloro diethyl sulphide and 2 chloroethyl ethyl sulphide on the surface of vanadium oxide nanostructure. <i>Journal of Hazardous Materials</i> , 2011 , 190, 1053-7	12.8	33

141	Purification, characterization and toxicity profile of ricin isoforms from castor beans. <i>Food and Chemical Toxicology</i> , 2010 , 48, 3171-6	4.7	33
140	Amperometric immunosensor based on gold nanoparticles/alumina sol-gel modified screen-printed electrodes for antibodies to Plasmodium falciparum histidine rich protein-2. <i>Analyst, The</i> , 2010 , 135, 608-14	5	33
139	Modifications of breathing pattern induced by inhaled sulphur mustard in mice. <i>Archives of Toxicology</i> , 1997 , 71, 157-64	5.8	33
138	Promising role of alpha-ketoglutarate in protecting against the lethal effects of cyanide. <i>Human and Experimental Toxicology</i> , 2002 , 21, 297-303	3.4	33
137	In vitro and in vivo attenuation of experimental cyanide poisoning by alpha-ketoglutarate. <i>Toxicology Letters</i> , 2002 , 128, 185-95	4.4	33
136	Evaluation of salivary metabolomics in oral leukoplakia and oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2019 , 48, 299-306	3.3	32
135	Reactions of sulphur mustard and sarin on V 1.02 O 2.98 nanotubes. <i>Journal of Hazardous Materials</i> , 2009 , 166, 1545-9	12.8	32
134	Amperometric immunosensor for ricin by using on graphite and carbon nanotube paste electrodes. <i>Talanta</i> , 2010 , 81, 703-8	6.2	30
133	Protective effects of amifostine and its analogues on sulfur mustard toxicity in vitro and in vivo. <i>Toxicology and Applied Pharmacology</i> , 2001 , 176, 24-33	4.6	30
132	Protective role of vitamin E on the oxidative stress in Hansen's disease (Leprosy) patients. <i>European Journal of Clinical Nutrition</i> , 2005 , 59, 1121-8	5.2	29
131	Prophylactic efficacy of amifostine and its analogues against sulphur mustard toxicity. <i>Toxicology</i> , 2001 , 163, 83-91	4.4	29
130	Synthesis and Lithium Storage Properties of Zn, Co and Mg doped SnO ₂ Nano Materials. <i>Electrochimica Acta</i> , 2017 , 247, 358-370	6.7	28
129	Effect of sub-acute oral cyanide administration in rats: protective efficacy of alpha-ketoglutarate and sodium thiosulfate. <i>Chemico-Biological Interactions</i> , 2005 , 156, 1-12	5	27
128	Yeast expressed recombinant Hemagglutinin protein of novel H1N1 elicits neutralising antibodies in rabbits and mice. <i>Virology Journal</i> , 2011 , 8, 524	6.1	26
127	Molecularly imprinted polymer for the recognition of biological warfare agent staphylococcal enterotoxin B based on Surface Plasmon Resonance. <i>Thin Solid Films</i> , 2010 , 519, 1115-1121	2.2	26
126	In vivo protection by amifostine and DRDE-07 against sulphur mustard toxicity. <i>Human and Experimental Toxicology</i> , 2002 , 21, 371-6	3.4	26
125	Preparation and Characterization of Nanocrystalline Zirconia Powders by the Glowing Combustion Method. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 3651-3656	3.8	25
124	Molecularly imprinted nanopatterns for the recognition of biological warfare agent ricin. <i>Biosensors and Bioelectronics</i> , 2009 , 25, 592-8	11.8	24

123	Evaluation of analogues of DRDE-07 as prophylactic agents against the lethality and toxicity of sulfur mustard administered through percutaneous route. <i>Journal of Applied Toxicology</i> , 2006 , 26, 115-25	4.1	24
122	A novel piezoelectric immunosensor for the detection of malarial Plasmodium falciparum histidine rich protein-2 antigen. <i>Talanta</i> , 2011 , 85, 1812-7	6.2	23
121	Surface plasmon resonance detection of biological warfare agent Staphylococcal enterotoxin B using high affinity monoclonal antibody. <i>Thin Solid Films</i> , 2010 , 519, 1171-1177	2.2	23
120	Simultaneous Fenton Photocatalytic Reactions through a New Single Catalyst (Nano ZnO ₂ /Fe ²⁺) for Dye Degradation. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 18557-18563	3.8	22
119	Insulin resistance and oxidative marker in women with PCOS. <i>Archives of Physiology and Biochemistry</i> , 2020 , 126, 183-186	2.2	22
118	Enhanced photocatalytic activity of nanocrystalline N-doped ZnSb ₂ O ₆ : role of N doping, cation ordering, particle size and crystallinity. <i>RSC Advances</i> , 2014 , 4, 65223-65231	3.7	21
117	Differential toxicity profile of ricin isoforms correlates with their glycosylation levels. <i>Toxicology</i> , 2011 , 282, 56-67	4.4	21
116	Prophylactic effect of gossypin against percutaneously administered sulfur mustard. <i>Biomedical and Environmental Sciences</i> , 2007 , 20, 250-9	1.1	21
115	Synthesis and characterization of polypyrrole by cyclic voltammetry at different scan rate and its use in electrochemical reduction of the simulant of nerve agents. <i>Synthetic Metals</i> , 2010 , 160, 2631-2637	3.6	20
114	Decontamination of Yperite using mesoporous mixed metal oxide nanocrystals. <i>Journal of Hazardous Materials</i> , 2010 , 183, 847-52	12.8	19
113	Reaction of Bis(2-chloroethyl) Sulfide with N,N-Dichlorobis(2,4,6-trichlorophenyl)urea. <i>Journal of Organic Chemistry</i> , 1999 , 64, 8031-8033	4.2	19
112	Sulphur mustard induced oxidative stress and its prevention by sodium 2,3-dimercapto propane sulphonic acid (DMPS) in mice. <i>Biomedical and Environmental Sciences</i> , 2000 , 13, 225-32	1.1	19
111	Ferrimagnetism, antiferromagnetism, and magnetic frustration in La _{2-x} Sr _x CuRuO ₆ (0 ≤ x ≤ 1). <i>Physical Review B</i> , 2012 , 86,	3.3	18
110	Facile, scalable synthesis of nanocrystalline calcium zirconate by the solution combustion method. <i>Ceramics International</i> , 2014 , 40, 5781-5786	5.1	17
109	Comparative toxic effect of nitrogen mustards (HN-1, HN-2, and HN-3) and sulfur mustard on hematological and biochemical variables and their protection by DRDE-07 and its analogues. <i>International Journal of Toxicology</i> , 2010 , 29, 391-401	2.4	17
108	Photocatalytic inactivation of spores of Bacillus anthracis using titania nanomaterials. <i>Journal of Hazardous Materials</i> , 2011 , 185, 977-82	12.8	17
107	Al ₂ O ₃ nanoparticles with and without polyoxometalates as reactive sorbents for the removal of sulphur mustard. <i>Microporous and Mesoporous Materials</i> , 2008 , 115, 364-375	5.3	17
106	Respiratory Protection Against Chemical and Biological Warfare Agents. <i>Defence Science Journal</i> , 2008 , 58, 686-697	1.4	17

105	An infrared based sensor system for the detection of ethylene for the discrimination of fruit ripening. <i>Infrared Physics and Technology</i> , 2017 , 85, 403-409	2.7	16
104	Effect of alpha-ketoglutarate on neurobehavioral, neurochemical and oxidative changes caused by sub-chronic cyanide poisoning in rats. <i>Neurochemical Research</i> , 2011 , 36, 540-8	4.6	16
103	A quantitative NMR protocol for the simultaneous analysis of atropine and obidoxime in parenteral injection devices. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 49, 1092-6	3.5	16
102	Ethylene detection using TiO ₂ /WO ₃ composite sensor for fruit ripening applications. <i>Sensor Review</i> , 2017 , 37, 147-154	1.4	15
101	In situ electrochemical sensing of 2-chloroethyl ethyl sulfide (CEES) a CWA simulant using CuPc/RTIL composite gold electrode. <i>Sensors and Actuators B: Chemical</i> , 2012 , 161, 1000-1009	8.5	15
100	Application of bimetallic nanoparticles modified screen printed electrode for the detection of organophosphate compounds using an enzyme inhibition approach. <i>Analytical Methods</i> , 2011 , 3, 2246	3.2	15
99	Analgesic and anti-inflammatory activity of amifostine, DRDE-07, and their analogs, in mice. <i>Indian Journal of Pharmacology</i> , 2010 , 42, 17-20	2.5	15
98	High-temperature resistivity and thermoelectric properties of coupled substituted CaCoO. <i>Science and Technology of Advanced Materials</i> , 2009 , 10, 015007	7.1	15
97	Histomorphological and histochemical alterations following short-term inhalation exposure to sulfur mustard on visceral organs of mice. <i>Biomedical and Environmental Sciences</i> , 1999 , 12, 201-13	1.1	15
96	Oviposition pheromones in haematophagous insects. <i>Vitamins and Hormones</i> , 2010 , 83, 597-630	2.5	14
95	Low temperature synthesis of Ba _{1-x} Sr _x SnO ₃ (x = 0-1) from molten alkali hydroxide flux. <i>Bulletin of Materials Science</i> , 2010 , 33, 75-78	1.7	14
94	A possible correlation between antioxidant and antidiabetic potentials of oxovanadium(IV) complexes. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2929-2937	2.2	13
93	Detection of chemical warfare agent Nitrogen Mustard-1 based on conducting polymer phthalocyanine nanorod modified electrode. <i>Synthetic Metals</i> , 2009 , 159, 1960-1967	3.6	13
92	Ozone assisted partial oxidation of DMS to DMSO on Fe based catalyst. <i>Catalysis Communications</i> , 2009 , 11, 77-81	3.2	13
91	Effect of metal-ion-to-fuel ratio on the phase formation of bioceramic phosphates synthesized by self-propagating combustion. <i>Science and Technology of Advanced Materials</i> , 2008 , 9, 035003	7.1	13
90	Electron-spectroscopic investigation of the metal-insulator transition in Sr ₂ Ru _{1-x} Ti _x O ₄ (x=0-0.6). <i>Physical Review B</i> , 2006 , 73,	3.3	13
89	Comparative evaluation of some flavonoids and tocopherol acetate against the systemic toxicity induced by sulphur mustard. <i>Indian Journal of Pharmacology</i> , 2008 , 40, 114-20	2.5	13
88	Synthesis, spectral characterization, and antidiabetic study of new furan-based vanadium(IV) complexes. <i>Journal of Coordination Chemistry</i> , 2011 , 64, 511-524	1.6	12

87	Carbon Nanotubes: Detection of Chemical and Biological Warfare Agents. <i>Defence Science Journal</i> , 2008 , 58, 617-625	1.4	12
86	Evaluation of CC2 as a decontaminant in various hydrophilic and lipophilic formulations against sulphur mustard. <i>Biomedical and Environmental Sciences</i> , 2002 , 15, 25-35	1.1	12
85	Investigations on the influence of Sm ³⁺ ion on the nano TiO ₂ matrix as the anode material for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017 , 710, 205-215	5.7	11
84	Radiolabeling and dose fixation study of oral alpha-ketoglutarate as a cyanide antidote in healthy human volunteers. <i>Clinical Toxicology</i> , 2010 , 48, 509-15	2.9	11
83	Effects of oxygen non-stoichiometry and cationic substitutions on the properties of Sr ₂ RuO ₄ + □ <i>Materials Chemistry and Physics</i> , 1998 , 56, 63-69	4.4	11
82	Effect of sulphur mustard inhalation exposure on some urinary variables in mice. <i>Journal of Applied Toxicology</i> , 1998 , 18, 257-9	4.1	11
81	Seed and bark extracts of Acacia catechu protects liver from acetaminophen induced hepatotoxicity by modulating oxidative stress, antioxidant enzymes and liver function enzymes in Wistar rat model. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 108, 838-844	7.5	11
80	Role of inflammatory cytokines and DNA damage repair proteins in sulfur mustard exposed mice liver. <i>Toxicology Mechanisms and Methods</i> , 2009 , 19, 356-62	3.6	10
79	Acute toxicity studies of alpha-ketoglutarate: a promising antidote for cyanide poisoning. <i>Journal of Applied Toxicology</i> , 2001 , 21, 495-9	4.1	10
78	Dose dependent effects on lymphoid organs following a single dermal application of sulphur mustard in mice. <i>Human and Experimental Toxicology</i> , 1994 , 13, 247-51	3.4	10
77	Synthesis, characterization of bay-substituted perylene diimide based D-A-D type small molecules and their applications as a non-fullerene electron acceptor in polymer solar cells. <i>Journal of Science: Advanced Materials and Devices</i> , 2018 , 3, 99-106	4.2	10
76	Evaluation of wound-healing formulation against sulphur mustard-induced skin injury in mice. <i>Human and Experimental Toxicology</i> , 2012 , 31, 588-605	3.4	9
75	Comparative effects of insect repellent N,N-diethylbenzamide, N,N-diethylphenylacetamide, and N,N-diethyl-3- methylbenzamide aerosols on the breathing pattern and respiratory variables in mice. <i>Inhalation Toxicology</i> , 2010 , 22, 469-78	2.7	9
74	DRDE-07 and its analogues as promising cytoprotectants to nitrogen mustard (HN-2)--an alkylating anticancer and chemical warfare agent. <i>Toxicology Letters</i> , 2009 , 188, 243-50	4.4	9
73	A study on the glucose lowering effects of ester-based oxovanadium complexes. <i>Transition Metal Chemistry</i> , 2010 , 35, 865-870	2.1	9
72	Cyanide intoxication in mice through different routes and its prophylaxis by alpha-ketoglutarate. <i>Biomedical and Environmental Sciences</i> , 1991 , 4, 452-60	1.1	9
71	Treatment for Sulphur Mustard Poisoning -A Review. <i>Defence Science Journal</i> , 1998 , 48, 155-162	1.4	9
70	Protective Effect of Quercetin Against Sulphur Mustard-induced Oxidative Stress in Mice. <i>Defence Science Journal</i> , 2007 , 57, 707-720	1.4	9

69	Protective effect of Aloe vera L. gel against sulphur mustard-induced systemic toxicity and skin lesions. <i>Indian Journal of Pharmacology</i> , 2005 , 37, 103	2.5	9
68	Protective efficacy of calcium channel blockers in sulphur mustard poisoning. <i>Biomedical and Environmental Sciences</i> , 1998 , 11, 363-9	1.1	9
67	Solution based rapid synthesis of AgCuO ₂ at room temperature. <i>RSC Advances</i> , 2014 , 4, 62746-62750	3.7	8
66	Denatured ricin can be detected as native ricin by immunological methods, but nontoxic in vivo. <i>Journal of Forensic Sciences</i> , 2010 , 55, 801-7	1.8	8
65	Ameliorative effect of DRDE 07 and its analogues on the systemic toxicity of sulphur mustard and nitrogen mustard in rabbit. <i>Human and Experimental Toxicology</i> , 2010 , 29, 747-55	3.4	8
64	Impregnated carbon based catalyst for protection against carbon monoxide gas. <i>Applied Catalysis B: Environmental</i> , 2009 , 88, 257-262	21.8	8
63	Acute and subacute inhalation toxicity studies of a new broad spectrum insect repellent, N,N-diethylphenylacetamide. <i>Toxicology</i> , 1991 , 67, 85-96	4.4	8
62	Gas chromatographic identification of urinary metabolites of insect repellent N,N-diethylphenylacetamide on inhalation exposure in rats. <i>Biomedical Applications</i> , 1989 , 493, 210-6		8
61	Silica nanoparticle induces oxidative stress and provokes inflammation in human lung cells. <i>Journal of Experimental Nanoscience</i> , 2015 , 10, 983-1000	1.9	7
60	Designing of mouse model: a new approach for studying sulphur mustard-induced skin lesions. <i>Burns</i> , 2011 , 37, 851-64	2.3	7
59	Vapor phase catalytic degradation of bis(2-chloroethyl) ether on supported vanadia/titania catalyst. <i>Applied Catalysis B: Environmental</i> , 2011 , 103, 11-20	21.8	7
58	Rapid Detection of Ricin by Sensitising Carboxylated Latex Particles by Ricin Antibodies. <i>Defence Science Journal</i> , 2004 , 54, 57-63	1.4	7
57	Genotype-phenotype correlations of dyshormonogenetic goiter in children and adolescents from South India. <i>Indian Journal of Endocrinology and Metabolism</i> , 2016 , 20, 816-824	1.7	7
56	Autoinjector device for rapid administration of drugs and antidotes in emergency situations and in mass casualty management. <i>Journal of International Medical Research</i> , 2020 , 48, 300060520926019	1.4	6
55	Time course pathogenesis of sulphur mustard-induced skin lesions in mouse model. <i>International Wound Journal</i> , 2013 , 10, 441-54	2.6	6
54	Effects of 28 days silicon dioxide aerosol exposure on respiratory parameters, blood biochemical variables and lung histopathology in rats. <i>Environmental Toxicology and Pharmacology</i> , 2012 , 34, 977-84	5.8	6
53	Medical Countermeasures and Other Therapeutic Strategies for Sulfur Mustard Toxicity 2009 , 897-918		6
52	Ionic Liquid as an Alternative Greener Sensing Medium for the Chemical Warfare Agent. <i>Electroanalysis</i> , 2010 , 22, 1357-1363	3	6

51	Silver Interdigitated Electrode Fabrication on a Kapton Substrate Coated with Multiwalled Carbon Nanotubes as a Sensor Element for Methane Sensing. <i>Sensor Letters</i> , 2015 , 13, 750-755	0.9	6
50	Study of the Efficacy of CC-2 and Fuller's Earth Combination as a Decontaminant against Sulphur Mustard (Mustard Gas) Dermal Intoxication in Mice. <i>Defence Science Journal</i> , 1991 , 41, 363-366	1.4	6
49	Prophylactic efficacy of combination of DRDE-07 and its analogues with amifostine against sulphur mustard induced systemic toxicity. <i>Indian Journal of Experimental Biology</i> , 2010 , 48, 752-61		6
48	Detection of methane using multi-walled carbon nanotubes. <i>Bulletin of Materials Science</i> , 2015 , 38, 909-913		5
47	In situ electrocatalytic reduction of chemical warfare agent sulfur mustard by palladium modified electrode and its sensing application. <i>Sensors and Actuators B: Chemical</i> , 2011 , 160, 840-849	8.5	5
46	Behavioral responses and bioefficacy of some aromatic amides against <i>Aedes aegypti</i> . <i>Journal of Economic Entomology</i> , 2011 , 104, 1369-78	2.2	5
45	Acute and sub-acute toxicity of an insect pheromone, N-heneicosane and combination with insect growth regulator, diflubenzuron, for establishing no observed adverse effect level (NOAEL). <i>Indian Journal of Experimental Biology</i> , 2010 , 48, 744-51		5
44	Effect of Fluoxetine on the Hippocampus of Wistar Albino Rats in Cold Restraint Stress Model. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2017 , 11, AF01-AF06	0	4
43	The Electronic Structure and Properties of Solids 2013 , 153-176		4
42	Attenuation of sulfur mustard toxicity by S-2(2-aminoethylamino)ethyl phenyl sulfide (DRDE-07) in mouse liver. <i>Toxicology Mechanisms and Methods</i> , 2011 , 21, 596-605	3.6	4
41	Therapeutic Efficacy of Saline and Glucose Saline against Dermal applied Sulphur Mustard Intoxication in Mice. <i>Defence Science Journal</i> , 1994 , 44, 21-23	1.4	4
40	Purification and Biochemical Characterisation of Ricin from Castor Seeds. <i>Defence Science Journal</i> , 2004 , 54, 345-351	1.4	4
39	Development and Evaluation of Combined Drug Formulation for Autoject-injector, for Emergency Application in Organophosphate Poisoning. <i>Defence Science Journal</i> , 2012 , 62, 105-111	1.4	4
38	Autoinjector Device for Rapid Administration of Life Saving Drugs in Emergency. <i>Defence Science Journal</i> , 2012 , 62, 307-314	1.4	4
37	Haematological and Biochemical Changes in Response to Stress Induced by the Administration of Amikacin Injection by Autoinjector in Animals. <i>Defence Science Journal</i> , 2014 , 64, 99-105	1.4	4
36	A Concept of a Probable Autoinjector for Bio-threat Agents. <i>Defence Science Journal</i> , 2016 , 66, 464	1.4	4
35	Human umbilical cord and its vessels: a histomorphometric study in difference severity of hypertensive disorders of pregnancy. <i>Anatomy and Cell Biology</i> , 2020 , 53, 68-75	1.4	4
34	Plant Leaves Extract Irrigation on Wound Healing in Diabetic Foot Ulcers. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021 , 2021, 9924725	2.3	4

33	A study on the safety evaluation of buphrenorphine administered through an autoinjector compared with manual injection using haematological and biochemical variables in rats. <i>Human and Experimental Toxicology</i> , 2017 , 36, 901-909	3.4	3
32	Composition driven structural transition in La ₂ B _r CuRuO ₆ (00k001) double perovskites. <i>Journal of Alloys and Compounds</i> , 2017 , 693, 1096-1101	5.7	3
31	Thermal decomposition studies of riot control agent Ethchloroacetophenone (CN) by pyrolysis-gas chromatography-mass spectrometry. <i>Journal of Hazardous Materials</i> , 2010 , 184, 506-514	12.8	3
30	Comparative evaluation of modified whetlerites and impregnated carbons for sulphur mustard degradation. <i>Carbon</i> , 2010 , 48, 2-7	10.4	3
29	Effect on Physiological Variables and Urinary Metabolites following a Single Dermal Application of Sulphur Mustard in Rats. <i>Defence Science Journal</i> , 1997 , 47, 389-394	1.4	3
28	Prophylactic Efficacy of Amifostine, DRDE-07, and their Analogues against Percutaneously Administered Nitrogen Mustards and Sulphur Mustard. <i>Defence Science Journal</i> , 2009 , 59, 512-516	1.4	3
27	Genomics and phenomics of Hashimoto's thyroiditis in children and adolescents: a prospective study from Southern India. <i>Annals of Translational Medicine</i> , 2015 , 3, 280	3.2	3
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