


BRIEF PROFILE

 <p>Photograph</p>	Name	Prof. Dr. Ajay Singh
	Designation	Principal , Dean (Research & Studies)
	Area	School of Applied and Life Sciences
	Email	Principal.ucals@uttaranchaluniversity.ac.in
	Contact No.	9412620022
Professional Experience	<ul style="list-style-type: none"> • Executive -Research & Development (Thapar-BILT) ay Yamunanagar, (8Feb,2000 to 29 July,2004) • Asstt.Professor in Dolphin(PG) Institute, Dehradun 30 July2004 to 1 March2009 • Asstt.Professor HOD-Chemistry In UIT-Dehradun (2March2009 to July2010) • Associate Professor -UIT-Dehradun (Aug 2010 to July2015) • Professor-Chemistry in Uttaranchal University Aug2015 onwards • Principal-Applied Sciences (Jan 2016 onwards) • Dean-Research & Studies (Dec2018-onwards) 	
Education Qualification	<ul style="list-style-type: none"> • MSc (Chemistry)- CCS University, Meerut • PG.Dipl(Pulp & Paper Tech)-FRI- Dehradun • CSIR-NET (Chemical Sciences-2001) • Ph.D (Chemistry)- HNB Garhwal (Central) University, Srinagar 	
Area of Research	Multidisciplinary Chemistry (Polymer Chemistry, Environmental Chemistry, Organic Chemistry, Nanomaterials etc) Working in DST sponsored Project on Biofuel using microalgae- (about 24 lakhs)	
Current Research, If any	Biodegradable Nanocomposites study by using waste material	
Publications: <ul style="list-style-type: none"> • Articles in Journals (only Scopus/SCI) • Books edited/Chapter contributed/ Books authored 	<ul style="list-style-type: none"> • 36 +in SCI/Scopus (Details given below) • More than 60 papers published in UGC/ refreed journals • 5 papers in conference proceedings • Books authored- Engineering Chemistry (CBS & IKON Int. Publisher,New Delhi) ISBN-.(ISBN-978-81-239-2287-4), • Book Chapters-4 • Book Edited-1 • 7 Ph.D research scholars guided, 62 Master dissertation supervised, 5 working as 	
Conferences/Seminars/Workshops/ FDP/MDP attended	<ul style="list-style-type: none"> • More than 60 Papers presented in seminars/conferences • 10 conferences /seminars/workshops organised as Convenor • 7 FDPs and training programmes 	

Award/Certificate/Prize received	<ul style="list-style-type: none"> • Young Scientist award by Scientific Plante Society-India(2013) • Best Research Paper award by Indian J of Pharmaceutical and Biological research-2018 • ISO 9001 and ISO 14001 Auditor • Two patents published and one more filed • One UU sponsored project completed on utilisation of foodwaste for biomanure and biogas • One project sponsored by MNRE on Development of Green Campus” completed
Any extra-curricular activities	<ul style="list-style-type: none"> • Faculty Advisor- American Chemical Society-UU Chapter • ACS-USA membership • Life Time membership of Indian Society of Analytical Scientist • Life Time membership of Indian Association of Chemistry Teachers-BARC(Mumbai) • Life Time membership of Indian Association of Science Congress • Editor in Chief- UU Journal of Applied and Life Sciences • Expert Reviewer for more than dozen of journals • Editorial Board member of many reputed journals- Journal of Applied Polymer Science, Pigment and resin technology, Internal j of Polymer science, Octa Journal of Bioscience, Scientific India magazine etc

Details of Publications-

S.No.	Full Journal paper	ISSN
1	Ajay Singh, M.S.M Rawat & C.S Pande <i>Chemical modification and Characterization of poly(vinyl chloride) by crosslinking of Multifunctional amines</i> Journal of Applied Polymer Science, Vol.118,Issue2, Oct 2010,pg 876-880	1097-4628 SCI/Scopus,IF-2.4
2	Ajay Singh & Mansi Gupta <i>Phytochemical Investigation of Different Solvent Extracts of Berberis lycium Fruits</i> , Rasayan Journal of Chemistry, vol.11(1),2018,228-231. http://dx.doi.org/10.7324/RJC.2018.1111999	0974-1496 Scopus IF=1.2
3	Mansi Gupta & Ajay Singh Pharmacological Studies of Root, Fruit and Flower Extracts of Berberis lycuim <i>Oriental Journal of Chemistry</i> , Vol.34(2),2018,1055-1062 http://dx.doi.org/10.13005/ojc/340257	0970-020X Scopus IF-0.68
4	Naveen Chandra Joshi, Nitin Malik & Ajay Singh Synthesis and Characterizations of polythiophene-Al ₂ O ₃ based nanosorbent and its application in the removal of Pb ²⁺ , Cd ²⁺ , and Zn ²⁺ Ions <i>Journal of Inorganic and Organometallic Polymers and Materials (Springer)Vol.27(1)2017</i> DOI 10.1007/s10904-019-01252-7	1574-1443 SCI/Scopus IF= 2.1

5	Naveen Chandra Joshi ,Ajay Singh & Himanshu Rajput <i>Utilization of Waste Leaves Biomass Myrica esculenta for the Removal of Pb(II), Cd(II) and Zn(II) ions from Waste waters</i> Oriental Journal of Chemistry, Vol.34,(5),2018,2548-2553 http://dx.doi.org/10.13005/ojc/340542	0970-020X Scopus IF=0.68
6	Shalini Upadhyay, Ajay Singh, Riya Sinha, Shivangi Omer & Kiran Negi <i>Colorimetric chemosensors for d-metal ions: A review in the past, present and future prospect</i> , Journal of Molecular Structure, vol. 1193,89-102, (2019), https://doi.org/10.1016/j.molstruc.2019.05.007	0022-2860 SCI/ScopusIF-2.1 Elsevier)
7	R.Sharma,A.K. Tiwari, A. Singh, N. Sharma Catalytic Hydrothermal Liquefaction of Microalgae using Fe-MCM 41 Catalyst in Presence of Carbon Monoxide Asian Journal Of Chemistry, Vol.31, No.3 (2019),690-694 https://doi.org/10.14233/ajchem.2019.21782	0970-7077 Scopus
8	Jeetu Dubey & Ajay Singh <i>Green Synthesis of TiO₂ Nanoparticles Using Extracts of Pomegranate Peels for Pharmaceutical Application</i> , Int.J .Pharmaceutical and Phytopharmacological Research, Vol.9,1.2019,85-87	2249-6084 eSCI
9	Vivekanand Bahuguna, Ajay Singh, Sakshi Bhatt, Indra Rautela, Manish Dev Sharma and Nishesh Sharma <i>Conservation Through Micropagation And Comparative Photochemical Analysis Of Wild And Micro Propagated Plants Of Picrorhiza Kurroa</i> Plant Cell Biotechnology and Molecular Biology 20(3&4):152-161;2019	0972-2025 Scopus/UGC
10	Naveen Chandra Joshi, Akshita Chodhary, Y Ashwini Prakash and Ajay Singh <i>Green Synthesis and Characterization of α-Fe₂O₃ Nanoparticles using Leaf Extract of Syzygium cumini and their Suitability for Adsorption of Cu (II) and Pb(II) Ions</i> , Asian Journal Of Chemistry vol.31No.8 (2019),1809-1814 DOI: 10.14233/ajchem.2019.22024	1809-1814 Scopus
11	Vinod Kumar, Manisha Nanda, H.C. Joshi, Ajay Singh, Sonal Sharma & Monu Verma <i>Production of biodiesel and bioethanol using algal biomass harvested from fresh water river</i> <i>Renewable Energy</i> ,116(2018),606-612 https://doi.org/10.1016/j.renene.2017.10.016	0960-1481 SCI/Scopus IF-5.4
12	Naveen Chandra Joshi, Vaishali Rangar, Ruchi Sati, Ekta Joshi and Ajay Singh <i>Adsorption Behavior of Waste Leaves of Quercus Leucotrichophora for the Removal of Ni²⁺ and Cd²⁺ ions from Waste Water</i> Oriental Journal Of Chemistry Vol.35(2),2019,591-596 http://dx.doi.org/10.13005/ojc/350212	0970-020 Scopus IF=0.68
13	Vinod Kumar, Manisha Nanda, Monu Verma & Ajay Singh <i>An integrated approach for extracting fuel, chemicals, and residual carbon using pine needles, B38Biomass Conversion and Biorefinery</i> , Feb 2018	2190-6823 SCI/ Scopus, IF-3.8

	http://doi.org/10.1007/13399-018-0304-z	
14	Vinod Kumar, Manisha Nanda & Ajay Singh <i>Effect of bacterial amylase pretreatment on bioethanol production from starch-based solid waste, Biofuels</i> , vol.38,17,2016 https://doi.org/10.1080/17597269.2016.1163209	1759-7277 SCI, IF-2.4 Taylor & Francis
15	Dr. Rohit Sharma, Dr. Nishesh Sharma, Dr. Avnish K Tiwari & Dr. Ajay Singh <i>Agent based simulation of mixed algal cultures (two and three species) using biogas as CO₂ source</i> Int.J of Applied Engg Res,13(6),3844-3851,2018	0973-4562 Scopus
16	Varnika Chaudhary, Shalini Singh,Rohit Sharma,Ajay Singh, Nishesh Sharma, <i>Conservation of the endangered medicinal plant Picrorhiza Kurroa in vitro multiple shoot regeneration</i> Biotechnology , Vol.100(3),(2019) 209-217 https://doi.org/10.5114/bta.2019.87580	0860-7796 Scopus
17	Naveen C Joshi,Vivek Kumar,Ajay Singh,Rajendra Singh, <i>Characterisatio,Antimicrobial activities and biological synthesis of silver (Ag) nanoparticles using the leaf extract of urica dioica</i> ,Res J Pharm and Tech.12(9):2019 http://dx.doi.org/10.5958/0974-360X.2019.00763.7	0974-360X Scopus
18	Ajay Singh, Uma Goswami and Naveen Joshi <i>Degradability Study of PVC by Modification Using Appropriate Polymer Blends</i> High Technology Letters Vol 26, No. 6, 2020	1006-6748 Scopus
19	Ajay Singh, Uma Goswami and Nishesh Sharma <i>Study on effect of UV Radiation on Degradability of PMMA Blends with Natural Polymers</i> AEGAEUM Vol.8, No. 6, 2020	0776-3808 Scopus
20	Naveen Chandra Joshi, Ankita Gaur & Ajay Singh <i>Synthesis, Characterisations, Adsorptive Performances and Photo-catalytic Activity of Fe₃O₄-SiO₂ Based Nanosorbent (Fe₃O₄- SiO₂BN)</i> Journal of Inorganic and Organometallic Polymers and Materials	1574-1443 Scopus IF-2.05
21	Nalini Sharma, Ajay Singh and Raj Kumar Dutta <i>Biodegradable fertilizer nanocomposite hydrogel based on poly (vinyl alcohol)/kaolin/ diammonium hydrogen phosphate (DAhP) for controlled release of phosphate 2020</i> Polymer Bulletin	0170-0839 Scopus IF-2.1
22	Naveen Chandra Joshi, Ajay Singh <i>Adsorptive performances and characterizations of biologically synthesized zinc oxide based nanosorbent (ZOBN)</i> Groundwater for Sustainable development https://doi.org/10.1016/j.gsd.2019.100325	2352-801X Scopus If-0.5
23	Krishna Kumar Jaiswal,Vinod Kumar, M.S.Vlaskin, Nishesh Sharma, Indra Rautela, Manisha Nanda, Neha Arora, Ajay Singh, P.K. Chauhan <i>Microalgae fuel cell for wastewater treatment: Recent advances and challenges</i> Journal of Water Process Engineering	2214-7144 SCI,IF-3.8

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24	Ajay Singh, Naveen C Joshi and Monika Ramola, <i>Magnesium oxide nanoparticles: green synthesis, characterization and Antimicrobial activity</i> . Res J Pharm and Tech. 12(10):2019 http://dx.doi.org/10.5958/0974-360X.2019.00799.6	0974-360X UGC/Scopus
25	Ajay Singh, Vipin Panwar and Indu Vardhan, Antioxidant activities in orange, lemon, pine apple and Mousambi, UJPAH, 16(1), 30-34, June 2014	0973-3507 UGC/CAS
26	G. Awasti, Pankaj Kumar Chauhan, Ashwani Kumar, Ajay Singh, Harish Chandra, M.S.M. Rawat & Vinit Mehrotra <i>Evaluation of Antioxidant and Antimicrobial Activity of Vegetables, some Referred in Ayurvedic Text Books</i> , Journal of Phyto-Chemistry and Ayurvedic Heights Vol.2 No.-2,4-8,2007	0973-3507 UGC
27	Gyanendra Awasthi, Vinay Kumar, Harish Chandra, Ajay Singh & Airvind Mathur <i>Impact of Sugar industries of kushinagar district (U.P) on Water quality: Using remote sensing and Geographical information System (GIS)</i> Environment Conservation Journal 7(3) 43-50, 2006	0972-3099 UGC Thomsoun EBSCO
28	Jatin Srivastava, Harish Chandra, Ajay Singh, Nishant Rai & Sachin Chauhan <i>Reduction of chromium (VI) by the application of a strong reducing reagent</i> Environment Conservation Journal 8(3) 1-4, 1-4, 2007	0972-3099 Thomsun/ EBSCO
29	Bharti Ramola & Ajay Singh <i>Heavy metal concentrations in Pharmaceutical Effluents of Industrial Area of Dehradun (Uttarakhand), India</i> J Env and Analytical Toxicology, 3(3), 2013, JEAT http://dx.doi.org/10.4172/2161-0525.1000173	2161-5225 Thomson Reuters IF-1.0
30	Bharti Ramola & Ajay Singh <i>Assessment of spatio-temporal changes in characteristics of industrial waste water in Dehradun region of Uttarakhand</i> Environment Conservation Journal 14(3) 51-60, 2013	0972-3099 UGC/Thomsun/EB SCO
31	Harish Chandra, OP Sidhu, Jatin Srivastava, Nishant Rai, Sachin Chauhan, Ajay Singh, A.R. Nautiyal, <i>Synergistic effect of Pongamia pinnata bark and Tamarindus indica fruit extract against aflatoxin producing fungi i.e. Aspergillus flavus</i> , Environment Conservation Journal, Vol.8(2), 101-107, 2007	0975-3099 UGC/ Thomson Reuters
32	Ajay Singh <i>Enzymatic and Non-Enzymatic Antioxidant Nature of Essential Oil Extracted from Curry Patta, Pine Apple and Chakotra</i> Vol. II No. 17, UJPAH, 65-69, 2014 http://dx.doi.org/10.20546/ijcmas.2016.505.027	0973-3507 UGC
33	Waseem Ahmad, Ajay Singh & Anshu Kumar <i>Phytochemical Screening and Antimicrobial Study of Selected Herbal Species Extracts</i> , South Asian Journal of Multidisciplinary Studies Vol.3, Issue5, 142-152, 2016	2349-7858 UGC

34	Naveen Chandra Joshi & Ajay Singh, <i>Nanosilver: Biosynthesis, characterization and antimicrobial activities,</i> International Journal of Green and Herbal Chemistry Vol.7(4),2018,467-475	2278-3229 UGC
35	Seema Kaval, Ajay Singh & N.C Joshi Modified PVA by Grafting and Blending and study on Biodegradation,Asian J Health Sci,6(1),228-232,2019 doi:10.21276/apjhs.2019.6.1.30	2349-0659 UGC
36	Shivangi Omer, Dr. Ajay Singh, Rose Sasmal & Aditi Singhal <i>Adsorption Studies on Chitosan and Guar gum Nanocomposite by Application of Agriculture waste – A Review</i> IJRAR,Vol.6 , (1),2019, www.ijrar.org	2348-1269 UGC J.N.43603
37	Ajay Singh & Mahima Chaudhary, <i>A study on synthesis of Zinc oxide nanoparticles using banana peels, Int J of Res and Analytical Reviews</i> ,Vol.6(2),382-385,2019	2349-5138 UGC
38	Ajay Singh & Vipin Panwar Comparative Study of Antioxidant Nature in Curry Patta, Garlic, Onion, Ginger and Turmeric Herbal Plants,Int. J of Current Microbiology and Applied Sciences, Vol.5 No.5,253-257,2016 http://dx.doi.org/10.20546/ijcmas.2016.505.027	2319-7706 UGC
39	Naveen Chandra Joshi, Rohit Sharma & Ajay Singh <i>Biosorption: A Review on Heavy Metal Toxicity and Advances of Biosorption on Conventional Methods</i> ,Journal of Chemistry and Chemical Sciences, Vol.7(9),714-724	2319-7625 UGC
40	Mansi Gupta & Ajay Singh <i>Antimicrobial Activity of Extract of Berberis Lycium,University Journal of Phytochemistry and Ayurveda heights</i> Vol.I ,No.2,2016.51-54	0973-3507 UGC
41	Naveen Chandra Joshi, Nitin Malik & Ajay Singh <i>Biosorption of Pb⁺⁺ from waste waters using the waste leaves of Cedrus deodara</i> International journal of Research in Advent Technology Vol.7,.3 ,March 2019,1098-1103	2321-9637 UGC
42	Jeetu Dubey, Ajay Singh*, Naveen Chandra Joshi <i>Green Synthesis of TiO₂ Nanoparticles Using Extracts of Pomegranate Peels for application in Cosmetic field,</i> <i>Journal of Emerging Tech and Innovative Res.</i> 2019,Vol.6(5)56-59	2249-6084 UGC
43	Ajay Singh, Gurmeet Singh & Asheesh Kumar Gupta Development of New Nanocomposite by using bagasse dust and polyaniline for removal of heavy metal ions from Pharma industry effluent <i>Indian Journal of Pharmaceutical and Biological Research (IJPBR),2018,6(4):43-47</i> https://doi.org/10.30750/ijpbr.6.4.9	2320-9267 UGC/NAAS

44	Pragya Tiwari & Ajay Singh <i>A Study on Role of Algae and Coagulants in Reducing Effluent Parameters</i> International journal of current advanced research ,Vol.8,(4),2019,17170-3205	2319-6475 UGC/ NAAS
45	Seema Kaval, Ajay Singh & N.C. Joshi <i>Optimized Modification Of Crosslinked PVA By Grafting For Application in Biomedical Field As Hydrogel</i> , Journal of PharmaResearch,Vol.8.(4),2019,205-207	2319-5622 NAAS
46	Nalini Sharma & Ajay Singh <i>A Review on Changes in Fertilizers : from Coated Controlled Release Fertilizers (CRFS) To Nanocomposites of CRFS</i> International Journal of Agricultural Science and Research Vol.9, Issue2, Apr 2019,53-74	2321-0087 NAAS 6.1
47	Ajay Singh & Seema Kaval <i>Crosslinked & Grafted Poly (vinyl chloride) with 2-Mercaptoethanol& Thiourea</i> , Int.J of Innovations in Engg & Technology,Vol.8(4), 741-745, 2016	2319-1058 Thomson/NISCAIR
48	Mansi Gupta, Ajay Singh & Harish Chandra Joshi <i>Berberis Lycium Multipotential medicinal application :An Overview</i> International Journal of Chemical Studies, 3(4),10-13,2015	2321-4902 NAAS
49	Shivangi Omer, Shivangi Anand, Sumit Kumar Singh, Ajay Singh <i>Review Study on Waste Tire as an Adsorbent to Remove Toxic Metals from Waste Water</i> International Journal of Pharmaceutical and Medicinal Research Vol.8, No. 1, 2020	2347- 7008
50	Ajay Singh, Sapna Verma, Nishesh Sharma, Rohit Sharma <i>Study on use of Water Hyacinth (Eichhornea crassipes) for the Removal of Lead (II) ions from Waste Water</i> International Journal of Pharmaceutical and Medicinal Research Vol.8, No.2, 2020	2347-7008
51	Abhishek Kamboj, Mohd. Amjad, Waseem Ahmad and Ajay Singh <i>A general survey on Green synthesis and application of calcium oxide nanoparticles</i> International Journal of Health and Clinical Research Vol.3, No.2, 2020	2590-3241
52	Harkamal Preet Kaur, Ajay Singh, Naveen Chandra Joshi and Waseem Ahmad <i>Synthesis of CNPs from beetroots and carrot Pomaces and Application in reduction of Color from waste water</i> Asian Pacific Journal of Nursing and Health Sciences Vol. 3, No. 1, 2020	2581-7442
53	Anmol, Ajay Singh and Naveen Chandra Joshi <i>Synthesis of CNCs from Selected Tropical Fruit (Pine apple & Pomegranate) Waste and their Application</i> International Journal of Pharmacy Research Vol.11, No.2,2020	0976-2167
54	Rinku Rana and Ajay Singh <i>Synthesis of Biodegradable Nano Composite of PMMA vinyl Polymer with Corn Cob</i>	2455-8745

	International Journal of Polymer Science & Engineering Vol.6,No.1, 2020	
55	Aayushi Saini, Abhishek Chaudhary and Ajay Singh <i>Study on the Characteristics of Ground Water in Nanauta Town Region (UP)</i> International Journal of Pharmacy Research, Vol.11, No.1, 2020	0976-2167
56	Nandini Prakash Tank and Ajay Singh <i>Modification of PVA & PMMA with blending and UV Irradiation</i> Chemical Separation Technology Vol.8, No.1,2020	2456-6691
57	Amandeep Saini and Ajay Singh <i>Green Silver Nanoparticles (AgNPs) probe for the selective detection of metal ions in the aqueous system</i> International Journal of Pharmacy Research Vol.11,No.2,2020	0976-2167
58	Aditi Thapa, Ajay Singh <i>Green Synthesis of Nano Composite based on Agro- Industrial waste and removal of chromium from Waste Water</i> International Journal of Agrochemistry, Vol.5(1),2019,5-8	2456-7000
59	Adeeba Riyaz & Ajay Singh <i>Preparation of Nano-Composites using Coconut husk and Saw dust,International Journal of Pharmacy Research</i> Vol.10, No.1,2019	0976-2167
60	Prity Kumari & Ajay Singh <i>Reduction in Pollution Parameters of Paper Mill Effluent by using Bio-Chemical Treatment</i> International Journal of Pharmacy Research Vol.10, No.2,2019	0976-2167
61	Shivangi Omer, Ajay Singh and Shalini Upadhyay <i>Synthesis of Chitosan-g-Biomass Ash/Graphene Oxide Nanocomposite for the Removal of Copper and Chromium form Industrial Waste Water</i> Clay Research Vol. 38No.1,2019,19-28	0255-7193 Scopus
62	Rekha Rani, Ajay Singh and Waseem Ahmad <i>Synthesis of Agro waste Nano Composites Using Coconut and Rice Husk for Adsorption of Chromium ions</i> International Journal of Health and Clinical Research Vol. 2, No. 11, 2019	2590-3241
63	Mayur Kumar & Ajay Singh Antimicrobial Activities of Root & Flower Extract of Anacyclus pyrethrum International Journal of Pharmacy Research, vol.9,No1,2018	0976-2167
64	Ajay Singh, Deepak Kumar, & Mohini Yadav <i>Modification of "Shorea robusta oil" by esterification for getting improved Property</i> International Journal of Pharmacy Research Vol.9,No.2,2018, 25-29 www.ijpr.co.in/	0976-2167
65	Ajay Singh & Mansi Gupta <i>Antimicrobial Study in flower extracts of Berberis lycium</i> International Journal of Pharmacy Research,Vol. 8, No.1,2017,1-4	0976-2167

66	Ajay Singh & Vipin Panwar <i>Antibacterial Studies in Plant Extract of Curry Patta, Garlic and Ginger</i> ,UJPAH, Voll.II No.23,Dec,2017,40-44	0973-3507
67	Ajay Singh & Vipin Panwar, <i>Antifungal Potential in the juice extracts of selected herbal Plants: Turmeric, Garlic, Ginger and Onion</i> UJPAH, 22,.1, ,48-52, June 2017	0973-3507 CAS
68	Vipin Panwar & Ajay Singh <i>A Comparative Study on Activities in Selected Citrus Fruits and Herbal Spices</i> <i>International Journal of Agrochemistry</i> Vol.2, Issue 1,2016,17-21 www.journalspub.com	2456-7000
69	Zafar Mehmood, Arunesh K Dixit, Ajay Singh,S Farooq & Suman Lata Chhimwal <i>Indian Herb Hemidesmus indicus- A Potential Source of New Antimicrobial Compounds</i> , Medicinal Chemistry, Vol.6(12), 734-,2016,	2161-0444 Scopus/SCIE IF=2.57
70	Ajay Singh, Vipin Panwar <i>Antifungal studies in the plant extracts of Turmeric, Ginger, Onion and Garlic</i> International J of Res on Engg & Applied Sc,Vol.6, Issue.3,2016,309-316	2243-3905
71	Ajay Singh & Seema Kaval <i>Modification of Crosslinked PVA by Grafting of Acryl Monomers for Getting Higher Thermal Stability</i> Chemical Science Review and Letters,2015,4(16),1034-1041	2278-6783
72	Vinod Kumar, Ajay Singh & Manisha Kalpasi <i>Phytochemical and Antimicrobial Activity of Berberis chitria Lindl</i> Octa Journal of Biosciences, Vol.3(2):89-91,2015	2321-3663
73	Waseem Ahmad, Ajay Singh & Priti Chaudhary <i>Photochemical Transformation of Flouroquinolone Antibiotic Drug Besifloxacin</i> Int.J of Pharmacognosy, Vol.2(9),478-483,2015	2348-3962
74	Dr. Ajay Singh The Robo-Chemist, Scientific India Magazine, Vol.3(5),10-11, oct,2015 www.scind.org	2349-1418 Article- magazine
75	Dr.Ajay Singh Science of Yoga, Scientific India magazine, Vol.3(4), 3-5,July,2015, www.scind.org	2349-1418 Article- magazine
76	Harish Chandra Jyotsana Bahuguna & Ajay Singh <i>Detection of Aflatoxin in Zea mays L. from Indian Markets by Competitive ELISA</i> Octa Journal Of Biosciences Vol.1(1):2013, 62-68	2321-3663
77	Ajay Singh, Vipin Panwar, Seema Kaval, Maneesha, Priti, Prakash, Deepak, Amit, Rohit, Ranu & Ashish	2320-6691

	<i>Antibiotic Effect of Juice Extracts of Garlic (Allium sativum) and Onion (Allium cepa) as Compared to Standard</i> UJPAH, Vol.II No.15,44-48,2013	
78	Ajay Singh & M.S.M.Rawat <i>A review on poly (vinyl chloride) and its modification by Crosslinked and grafting</i> Research and Reviews in Polymer, Vol.4(2),73-80,2013	2249-8877
79	Jyotsana Sharma, Ajay Singh, Rajiv Sharma, Yogendra Singh and U.V.S. Teotia <i>Synthesis and antioxidant appraisal of curcumin and two curcuminoid compounds</i> Der Pharmacia Sinica Vol.4, No. 3,151-163,2013	0976-8688
80	Gaur Sandeep, Singh Ajay, Teotia UVS, Singh Amit <i>Synthesis and characterization of Swelling Behavior of Pharmaceutical Polymers in Different pH for Controlled Drug Delivery Systems</i> Journal of Drug Delivery & Therapeutics ; 3(2),104-108, 2013	2250-1177 EBSCO/
81	Ajay Singh, Sandeep Kumar Saxena & Sandeep Gaur <i>Biological Effect of Heavy Metal in drinking water of Shivalik & Western U.P regions in India</i> Chemical weekly, vol.LI NO.48, 193-196, 2012	0045-6500 magazine
82	Ajay Singh & Harish Chandra, <i>Comparative studies on antimicrobial activities of garlic, onion and lemon: Individual and combined,,</i> <i>Natural Products, Vol.7(3),101-109,2011</i>	0974-7508
83	Chandra Harish; Singh Ajay ,Srivastava Jatin, Bishnoi Parul & Nautiyal A.R <i>Antibacterial Activity Of Allium sativum (L) Against Bacteria Isolated from Upper Respiratory Tract, IUP Journal of Life Sciences, Vol.4 Issue 4,p43-49 2010</i>	1934-7391 EBSCO
84	Pankaj Kumar, Harish Chandra, Ajay Singh, Rajendra Prasad & R.P.Bhatt <i>Antioxident and anticandidal activity of Juniperus communis L.</i> International Journal for Environmental Rehabilitation and Conservation Vol.I No.1 ,[10-16], 2009	0975-6272
85	Ajay Singh, M.S.M. Rawat & C.S.Pande <i>Modification, Application & Health Aspects of PVC: A Review, Chemical Weekly, Oct,2008,195-198</i>	0045-6500
86	Harish Chandra, Jatin Srivastava, Nishant Rai, Sachin Chauhan & Ajay Singh <i>Prevalence of Typhoid the Rural Community of Doon Vally (Uttarakhand) India</i> Int.J of Bioscience Reporter,5(2),471-474,2007	0972-30
87	Sandeep Kumar Saxena, Ajay Singh and Sandeep Gaur <i>Biological Influences of Mercury on Living Organisms</i> Chemical weekly,June,2006,199-202	0045-6500
88	Sandeep K saxena, Ajay Singh, Sweta Dubey, Zarka ,Sanat Kumar <i>Synthesis of Alum from waste Aluminium Foil,</i> <i>Chemical Weekly, Vol.LI,(46)191-195, March7,2006</i>	0045-6500

89	Ajay Singh, Vinod Kumar and Deepak Singh <i>Phytochemical Screening and Antimicrobial Activity of Zanthoxylum armatum DC.</i> Vol.1, No.18, 2015 UJPAH	0973-3507
90	Harish Chandra, Jatin Srivastava, M.K. Tripathi, Nishant Rai, Sachin Chauhan and Ajay Singh Contaminated Milk Production in the Villages of Dehradun District (Uttarakhand), India, Vol.2, No. II, 2008, The Icfai Journal of Life Sciences	0973-8487
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