

**Research Publications in Journals with Impact Factor/HEC Recognized**

Sr.No.	Authors	Publication	I.F
1.	<b>Farah Kanwal</b> , John J. Liggat, Richard A. Pethrick	Ultrasonic Degradation of Polystyrene solutions" <b><i>Polymer Degradation and Stability</i></b> , U.K 68(3), <b>2000</b> , 445-449.	3.78
2.	<b>Farah Kanwal</b> , M. Akram Kashmiri, Imama Mubarik	DTA and FTIR analysis of PMMA-PS Blends, <b><i>Journal of Natural Sciences and Mathematics</i></b> , PK ISSN 0022-2941, 43(1), <b>2003</b> , 5-10.	-
3.	<b>Farah Kanwal</b> , Richard A Pethrick	Ultrasonic Degradation of Poly(ethylene oxide), Poly(ethylene adipate), Poly(dimethyl siloxane), <b><i>Polymer Degradation and Stability</i></b> , U.K; 84 (1), <b>2004</b> , 1-6.	3.78
4.	<b>Farah Kanwal</b> , Sajjad Ahmad, M.A. Kashmiri	Effect of Microwaves on Original and Recycled Polystyrene in Cooking Oils, <b><i>Journal of Natural Sciences and Mathematics</i></b> , PK ISSN 0022-2941, 44(1), <b>2004</b> , 5-16.	-
5.	<b>Farah Kanwal</b> , Richard A. Pethrick, Tahir Jamil	Ultrasonic Degradation studies of Polyacrylates, <b><i>Journal of the Chemical Society of Pakistan</i></b> , 29(5), <b>2007</b> , 433-437.	0.393
6.	<b>Farah Kanwal</b> , S.M. Waraich, T. Jamil	FTIR Analysis of Recycled Polystyrene for Food Packaging. <b><i>Journal of the Chemical Society of Pakistan</i></b> , 29(3), <b>2007</b> , 239-242.	0.393
7.	<b>Farah Kanwal</b> , Attia Gul, Tahir Jamil	Synthesis of Acid Doped Conducting Polyaniline, <b><i>Journal of the Chemical Society of Pakistan</i></b> , 29(6), 2007, 553-57.	0.393
8.	<b>Farah Kanwal</b> , Saadat Anwar Siddiqi, Saher Tasleem, Ghulam Sakina, Tahir Jamil	Synthesis and Characterization of Polyaniline/Wood and Polyaniline/Carbon Composites, <b><i>Journal of the Chemical Society of Pakistan</i></b> , 31(6), <b>2009</b> , 882-885.	0.393
9.	<b>Farah Kanwal</b> , Saira Ishaq, Tahir Jamil	Synthesis and Characterization of Silver Hexacyanoferrate(II)/Polyaniline Composites, <b><i>Journal of Chemical Society of Pakistan</i></b> , 31(6), <b>2009</b> , 907-910.	0.393
10.	Muhammad Imran, Amin-Ul-Haq Khan, Aziz-Ul-Hassan, <b>Farah Kanwal</b> , Mitu Liviu, Muhammad Amir, Muhammad Adnan	Evaluation of Physio-Chemical characteristics of Soil Samples Collected from Harrapa- Sahiwal(Pakistan). <b><i>Asian Journal of Chemistry</i></b> , 22(6), <b>2010</b> , 4823-4820.	0.355

- Iqbal
11. Ruhamah Yunis, Muhammad Imran, Liviu Mitu, **Farah Kanwal** Adsorption studies of fluorescein on Roots, Stem and Leaves of *Phoenix dactylifera*, *Asian Journal of Chemistry*, 23(1), 2011, 345-350. 0.355
  12. Gulshan Ara, **Farah Kanwal**, Durreshahwar, Muhammad Imran and Noor Ul Ain Transition metal complexes of *Croton sparsiflorus* extract and their biological status, *Asian Journal of Chemistry*, 23(4), 2011, 1996-1998. 0.355
  13. Gulshan Ara, Durreshahwar, **Farah Kanwal**, Muhammad Imran, Asiya Akbar In-vitro antibacterial activity of essential oils extracted from locally available medicinal plants, *Journal of the Chemical Society of Pakistan*, 33(2), 2011, 205-208. 0.393
  14. **Farah Kanwal**, Saadat Anwar Siddiqi, Aisha Batool, M. Imran, Waheed Mushtaq, Tahir Jamil Synthesis of polypyrrole-Ferric Oxide (PPy-Fe<sub>2</sub>O<sub>3</sub>) Composites and Study of their Structural and Conducting Properties, *Synthetic Metals*, 161(3-4), 2011, 335-339. 2.870
  15. Ahmad Irfan, Muhammad Nadeem, Makshoof Athar, **Farah Kanwal**, Jingping Zhan Electronic, optical and charge transfer properties of  $\alpha,\alpha'$ -bis(dithieno[3,2-*b*:2',3'-*d*]thiophene) (BDT) and its heteroatom-substituted analogues, *Computational and Theoretical Chemistry*, 968 (1-3), 2011, 8-11. 1.344
  16. Adeela Manzoor, **Farah Kanwal**, Muhammad Imran and Ruhamah Yunis Adsorption of Eosin bluish on root stem and leaves of *Phoenix dactylifera*, *Asian Journal of chemistry*, 23 (12), 2011, 5452-5456. 0.355
  17. **Farah Kanwal**, Rabia Rehman, Jamil Anwar, Tariq Mahmud Adsorption studies of Cadmium (II) using novel composites of Polyaniline with rice husk and saw dust of *Euclaptus camaldulensis*, *Electronic Journal of Environmental, Agricultural and Food Chemistry*, 10(10), 2011, 2972-2985. 0.18 [Non ISI Listed)
  18. Aisha Batool, **Farah Kanwal**, Muhammad Imran, Tahir Jamil, Saadat Anwar Siddiqi Synthesis of Polypyrrole/zinc oxide composites and study of their structural, thermal and electrical properties, *Synthetic Metals*, 161 (23-24), 2012, 2753-2758. 2.870
  19. **Farah Kanwal**, Rabia Isothermal and thermodynamic modeling 0.522

- Rehman, Tariq Mahmud  
Jamil Anwar, Rabia Ilyas
- of chromium (III) adsorption by composites of polyaniline with rice husk and saw dust, *Journal of the Chilean Chemical Society*, 57(1), 2012, 1058-1063.
20. Asmat Zahra, Muhammad Imran, **Farah Kanwal** Comparative adsorption studies of methyl orange using different varieties of melon seeds as adsorbents, *Asian Journal of chemistry*, 24(6), 2012. 2668-2670. 0.355
21. **Farah Kanwal**, Aisha Batool, Saher Rauf Dar, Muhammad Jawwad Saif, Muhammad Imran Synthesis and characterization of Polypyrrole/carbon nanotubes (Ppy-Cnts) composites, *Asian Journal of chemistry*, 24(11), 2012, 5035-5037. 0.355
22. **Farah Kanwal**, Muhammad Imran, Liviu Mitu, Zeeshan Rashid, Huma Razzaq, Qurat ul Ain Removal of Chromium(III) using synthetic polymers, copolymers and their sulfonated derivatives as adsorbents, *E-Journal of Chemistry*, 9(2), 2012, 621-630. 1.727
23. **Farah Kanwal**, Rabia Rehman, Jamil Anwar, Muhammad Saeed Batchwise removal of chromium(VI) by adsorption on novel synthesized polyaniline composites with various brans and isothermal modeling of equilibrium data. *Journal of the Chemical Society of Pakistan*, 34 (5), 2012, 1134-1139. 0.393
24. **Farah Kanwal**, Rabia Rehman, Jamil Anwar, Muhammad Saeed Removal of lead (II) from water by adsorption on novel composites of Polyaniline with maize bran, wheat bran and rice bran. *Asian Journal of chemistry*, 25 (5), 2013, 2399-2404. 0.355
25. **Farah Kanwal**, Rabia Rehman, Aisha Batool, Muhammad Saeed Synthesis of novel composites of HCl-doped Polyaniline with Maize, Rice and Wheat flour and study of their structural, optical and conducting Properties. *Asian Journal of chemistry*, 25 (7), 2013, 3701-3704 0.355
26. Rabia Rehman, Tariq Mahmud, **Farah Kanwal**, Muhammad Naeem Aslam, Rabia Latif, Hina Nisar Chemical modification of *Oryza sativa* Linnaeus husk with Urea for removal of Brilliant Vital Red and Murexide dyes from water by adsorption in environmentally benign way, *Journal of*

*the Chemical Society of Pakistan*, 35 (2),  
2013, 510-515.

27. **Farah Kanwal**, Aisha Batool, Madiha Yaseen, Muhammad Imran Synthesis and characterization of copolymer of styrene and acrylonitrile by emulsion and microemulsion polymerization using different emulsifiers. *Asian Journal of chemistry*, 25 (8), 2013, 4419-4422. 0.355
28. Rabia Rehman, Muhammad Salman, Tariq Mahmud, **Farah Kanwal**, Waheed-Uz-Zaman Utilization of chemically modified *Citrus reticulata* peels for biosorptive removal of Acid Yellow-73 dye from water, *Journal of the Chemical Society of Pakistan*, 35(3), 2013, 611-616. 0.393
29. **Farah Kanwal**, Rabia Rehman, Sumbal Samson, Jamil Anwar Isothermal investigation of Copper (II) and Nickel (II) adsorption from water by Novel Synthesized Polyaniline composites with *Polyalthia longifolia* and *Alstonia scholaris* dried leaves, *Asian Journal of Chemistry*, 25(16), 2013, 9013-9019. 0.355
30. **Farah Kanwal**, Rabia Rehman, Muhammad Waheed Mushtaq Use of *Opuntia dillenii* seeds for sorptive removal of acidic textile dyes from water in benign way, *Asian Journal of Chemistry*, 25(14), 2013, 7710-7714. 0.355
31. **Farah Kanwal**, Rabia Rehman, Jamil Anwar, Sadia Rasul Adsorptive removal of Pb(II) from water using novel synthesized Polyaniline composites with *Madhuca longifolia* and *Eugenia jambolana* leaf powder, *Asian Journal of Chemistry*, 26 (16), 2014, 4963-4967. 0.355
32. **Farah Kanwal**, Aisha Batool, Sadia Rasool, Shahzad Naseem, Rabia Rehman Synthesis of Polyaniline composites with grinded leaves of *Polyalthia longifolia*, *Syzygium cumini*, *Alstonia scholaris* and *Madhuca longifolia* and study of their structural, electrical and dielectric properties, *Asian Journal of Chemistry*, 26 (22), 2014, 7519-7522. 0.355
33. Zahoor H. Farooqi, Sadia Iqbal, Shanza Rauf Khan, **Farah Kanwal**, Robina Begum Cobalt and nickel nanoparticles fabricated p(NIPAM-co-MAA) microgels for catalytic applications, *Product Information E-Polymers*, 14(5), 2014, 313-321. 1.491
34. Aisha Batool, **Farah Kanwal**, Amir Abbas, Saira Riaz, Novel Method to Synthesize Highly Conducting Polyaniline/ Nickel Sulfide Nanocomposite Films and the Study of Their 1.651

- Shahzad Naseem Structural, Magnetic, and Electrical Properties, *IEEE Transactions on Magnetism*, 50(8), **2014**, 2900204.
35. Zahoor Hussain Farooqi, Shanza Rauf Khan, Tajamal Hussain, Robina Begum, Kiran Ejaz, Shumaila Majeed, Muhammad Ajmal, **Farah Kanwal**, Mohammad Siddiq Effect of crosslinker feed content on catalytic activity of silver nanoparticles fabricated in multiresponsive microgels, *Korean Journal of Chemical Engineering*, 31(9), **2014**, 1674-1680. 2.476
36. Zahoor H. Farooqi, Shanza Rauf Khan, Robina Begum, **Farah Kanwal**, Ahsan Sharif, Ejaz Ahmed Shumaila Majeed, Kiran Ijaz, Aysha Ijaz Effect of acrylic acid feed contents of microgels on catalytic activity of silver nanoparticles fabricated hybrid microgels, *Turkish Journal of Chemistry*, 39, **2015**, 96-107. 1.000
37. **Farah Kanwal**, Rabia Rehman, Sadia Rasool Adsorptive eradication of Cadmium (II) from water in eco-friendly way using biocomposites of Polyaniline with *Madhuca longifolia* and *Eugenia jambolana* leaf powder, *Asian Journal of Chemistry*, 27(2), **2015**, 449-454. 0.355
38. Zahoor H. Farooqi, Tanzila Sakhawat, Shanza Rauf Khan, **Farah Kanwal**, Muhammad Usman, Robina Begum Synthesis, characterization and fabrication of copper nanoparticles in N-isopropylacrylamide based co-polymer microgels for degradation of p-nitrophenol, *Materials Science-Poland*, 33(1), **2015**, 185-192. 0.918
39. **Farah Kanwal**, Aisha Batool, M. Adnan, Shahzad Naseem The effect of molecular structure, band gap energy and morphology on the dc electrical conductivity of polyaniline/aluminium oxide composites, *Materials Research Innovations*, 19(S8), **2015**, 354-358. 0.830
40. Muqaddas Saleem, **Farah Kanwal**, Muhammad Imran, Liviu Mitu Synthesis, Characterization and adsorption studies of Sulphonated Poly(Styrene), *Journal of the Chemical Society of Pakistan*, 37 (6), **2015**, 1130-1134. 0.393
41. **Farah Kanwal**, Rabia Rehman, Sadia Rasul, Khoula Liaqat Chromium(VI) Removal from Water by using Polyaniline biocomposites with *Madhuca longifolia* and *Szygium cumini* leaves, *Bulgarian Chemical Communications*, 48(3), **2016**, 379-383. 0.242

42. Muhammad Waheed  
Mushtaq, Muhammad Imran,  
Shahid Bashir, **Farah  
Kanwal** and Liviu Mitu  
Synthesis, structural and biological Studies  
of cobalt ferrite nanoparticles, *Bulgarian  
Chemical Communications*, 48(3), **2016**,  
565-570. 0.242
43. Khalil Ahmed, **Farah  
Kanwal**, Shahid M. Ramay,  
Asif Mahmood,  
Shahid Atiq, and Yousef S.  
Al-Zaghayer  
High Dielectric Constant Study of TiO<sub>2</sub>-  
Polypyrrole Composites  
with Low Contents of Filler Prepared by In  
Situ Polymerization, *Advances in  
Condensed Matter Physics*  
Volume 2016, Article ID 4793434, 6 pages  
<http://dx.doi.org/10.1155/2016/4793434> 1.044
44. Imtiaz Niamat , Asma Rashid  
Tariq , Muhammad Imran,  
**Farah Kanwal**, Liviu Mitu  
Stabilization of sunflower oil with extracts  
from fenugreek, mint and liquorice,  
*Bulgarian Chemical Communications*,  
48(4), **2016**, 753-757. 0.242
45. Shanza Rauf Khan, Zahoor  
H. Farooqi, Waheed-uz-  
Zaman, Abid Alid, Robina  
Begum, **Farah Kanwal**,  
Mohammad Siddiq  
Kinetics and mechanism of reduction of  
nitrobenzene catalyzed by silver-poly(N-  
isopropylacryl amide-co-allylacetic acid)  
hybrid microgels, *Materials Chemistry and  
Physics*, 171, **2016**, 318-327 2.781
46. Summia Rehman, Sonia  
Rasheed, Muhammad Imran,  
Ayesha Kanwal, **Farah  
Kanwal**, Imtiaz Begum,  
Liviu Mitu  
Sunflower and Soybean oil stabilized with  
natural extracts of turnip's peel, *Bulgarian  
Chemical Communications*, 49(2), **2017**,  
493-498. 0.242
47. Alia Naseem, Asma Rashid  
Tariq, Muhammad Imran,  
Imtiaz Begum and **Farah  
Kanwal**  
Stabilization studies of Sunflower oil with  
antioxidants extracted from Green and Black  
cardamom, *Pakistan Journal of  
pharmaceutical sciences*, **2017**, 30(4),  
1317-1320. 0.596
48. Muhammad Waheed  
Mushtaq, **Farah Kanwal**,  
Atif Islam, Khalil Ahmed,  
Zia-ul Haq, Tahir Jamil,  
Muhammad Imran, Syed  
Mustansar Abbas, Qingrong  
Huang  
Synthesis and characterisation of  
doxorubicin-loaded functionalised cobalt  
ferrite nanoparticles and their in vitro anti-  
tumour activity under an AC-magnetic field,  
*Tropical Journal of Pharmaceutical  
Research*, 16(7), **2017**, 1663-1674. 0.439
49. Muhammad Waheed  
Mushtaq, **Farah Kanwal**,  
Aisha Batool, Tahir Jamil,  
Muhammad Zia-ul-Haq,  
Bushra Ijaz, Qingrong  
Huang, Zaka Ullah  
Polymer-coated CoFe<sub>2</sub>O<sub>4</sub> nanoassemblies as  
biocompatible magnetic nanocarriers for  
anticancer drug delivery, *Journal of  
Materials Science*, 52(16), **2017**, 9282-  
9293. 3.442
50. Sonia Rasheed, Muhammad  
Imran, Summia Rehman,  
Amna Farooq, Imtiaz  
Scavenging activity of grapefruit peel and  
seed extract, a natural source of antioxidant  
for the stabilization of soybean and 1.605

- Begum, **Farah Kanwal**, Liviu Mitu
51. Attia Firdos, Asma Rasheed Tariq, Muhammad Imran, Imtiaz Niamat, **Farah Kanwal**, Liviu Mitu
52. Khalil Ahmed, **Farah Kanwal**, Shahid. M. Ramay, Shahid Atiq, Asif Khan, A. Mahmood
53. **Farah Kanwal**, Rabia Rehman, Iram Qadir Bakhsh
54. Muhammad Waheed Mushtaq, **Farah Kanwal**, Muhammad Imran, Naila Ameen, Madeeha Batool, Aisha Batool, Shahid Bashir, Syed Mustansar Abbas, Ataur Rehman, Saira Riaz
55. Muhammad Waheed Mushtaq, Jamil Anwar, Omara Naeem, **Farah Kanwal**, Waheed-uz-Zaman
56. Saira Ishaq, **Farah Kanwal**, Shahid Atiq, Mahmoud Moussa, Umar Azhar, Muhammad Imran, Dusan Losic
57. Saira Ishaq, **Farah Kanwal**, **Shahid Atiq**, Mahmoud Moussa, Umar Azhar, Iffrah Gul, Dusan Losic
58. Shamaila Iram, Dr. Muhammad Imran, Prof. **Farah Kanwal**, Shoomaila Latif, Zafar Iqbal, Dr. Hans-Georg Stammer
59. Khalil Ahmed, **Farah**
- sunflower oil, *Revista de chimie*, 68(7), **2017**, 1466-1469.
- Antioxidant potential of black pepper extract for the stabilization of sunflower oil, *Bulgarian Chemical Communications*, 49(1), **2017**, 31-33.
- Study Of The Effect Of PVA On Dielectric Constant And Structure Of TiO<sub>2</sub>-Polypyrrolecomposites Prepared By In-Situ Polymerization, *Digest Journal of Nanomaterials and Biostructures*, 12(3), **2017**, 775-783.
- Batch wise sorptive amputation of Diamond green dye from aqueous medium by novel Polyaniline-Alstonia scholaris leaves composite in ecofriendly way, *Journal of Cleaner Production*, 196, **2018**, 350-357.
- Synthesis of surfactant-coated cobalt ferrite nanoparticles for adsorptive removal of acid blue 45 dye, *Materials Research Express*, 5, **2018**, 035058
- Separation of Bacterial Contaminations in Aqueous Systems by Directional Freezing, *Pakistan Journal of Zoology*, 50(4), **2018**, 1-4.
- Advancing Dielectric and Ferroelectric Properties of Piezoelectric Polymers by Combining Graphene and Ferroelectric Ceramic Additives for Energy Storage Applications, *Materials*, 11(9), **2018**, 1553.
- Dielectric and impedance spectroscopic studies of three phase graphene/titania/poly(vinyl alcohol) nanocomposite films, *Results in Physics* 11, **2018**, 540-548.
- Lead-Based Organic Frameworks (Pb-MOFs): Structural, Luminescence and Adsorption Aspects, *Chemistry Select*, 3(37), **2018**, 10443-10449.
- Synthesis and Characterization of
- 0.242
- 0.638
- 6.395
- 1.449
- 0.790
- 2.972
- 3.042
- 1.716
- 3.164

- Kanwal**, Shahid Ramay, Shahid Atiq, Rabia Rehman, Syed Ali, and Nasser Alzayed
60. Rabia Rehman, **Farah Kanwal**, Liviu Mitu
61. Shamaila Iram, Muhammad Imran, **Farah Kanwal**, Shoomaila Latif, and Zafar Iqbal.
62. Shamaila Iram, Muhammad Imran, **Farah Kanwal**, Zafar Iqbal, Farah Deeba, Qazi Javed Iqbal.
63. Saira Ishaq, **Farah Kanwal**, Shahid Atiq Mahmoud Moussa, Dusan Losic
64. **Farah Kanwal**, Rabia Rehman, Hassaan Ahmad Warraich
- BaTiO<sub>3</sub>/Polypyrrole Composites with Exceptional Dielectric Behaviour. *Polymers* 11(10), **2018**, 1273.
- Microwave treated *Gardenia jasminoides* leaves for adsorptive removal of Direct Red-28 Dye in environmental benign way, *REVISTA DE CHIMIE*, 69(12), **2018**.
- Morphological, luminescence and gas adsorption studies of Pb(II)-MOFs, *Materials Research Express*, 6(2), **2019**, 025103.
- Bismuth (III) based Metal Organic Frameworks: Luminescence, Gas Adsorption, and Antibacterial Studies, *Zeitschrift für anorganische und allgemeine Chemie*, 645(1), **2019**, 50-56.
- Synthesis of three phase graphene/titania/polydimethylsiloxane nanocomposite films and revealing their dielectric and impedance properties, *Ceramics International*, **2019**, 8713-8720.
- Synthesis of novel Polyaniline composites with *Eriobotrya japonica* leaves for removal of Methyl Red dye from wastewater, *Bulgarian Chemical Communications*, (Accepted for publication), Reference No. 5131
- 1.605
- 1.449
- 0.809
- 3.450
- 0.242