

Complete list of publications of Zafar Hayat Khan

2017

1. Noor Jamal, **Muhammad Sarwar*** and Mohammad Imdad, Fixed point results for generalized (ψ, ϕ) -weak contractions and its applications to system of non-linear integral equations, *Transactions of A. Razmadze Mathematical Institute.*(In Press).
2. Zoran Kadelburg, Stojan Radenovic and **Muhammad Sarwar**, Remarks on the paper” Coupled fixed point theorems for single valued operators in b-metric spaces. *Mathematics Interdisciplinary Research* **2**(2017), 1-8
3. P Sumati kumara, Ansari and **Muhammad Sarwar**, On b-dislocated Quasi-Metric Spaces, *International Journal of Advanced in Mathematics*, Volume 2017, Number 1, Pages 30-40, 2017.
4. Mian Bahadur Zada, Muhammad Sarwar* and Stojan Radenovic, Existence of Unique Common Solution to the System of Non-Linear Integral Equations Via Fixed Point Results in Incomplete Metric Spaces, *Journal of Inequalities and Applications*, *Journal of Inequalities and Applications* (2017) 2017:22, DOI 10.1186/s13660-016-1286-7 , (IF: 0.630)
5. **Muhammad Sarwar**, Mian Bahadur Zada, and Saurabh Manro, Common Fixed Point Theorems for Weakly Compatible Mappings in Complex Valued Metric Spaces, *Bulletin of the International Mathematical Virtual Institute*, Vol. 7(2017), 11-21.
6. Badshah-E-Rome and **Muhammad Sarwar**, Some Fixed Point Theorems for Mappings Satisfying A General Multiplicative Contractive Condition of Integral Type, *Electronic Journal of Mathematical Analysis and Applications* Vol. 5(1) Jan. 2017, pp. 50-63.

2016

7. Muhammad Shoaib and **Muhammad Sarwar***, Multivalued Fixed Point Theorems for Generalized Contractions and Their Applications, *Journal of Mathematics*, Volume 2016, Article ID 5190718, 8 pages. (Indexed in web of science)
8. Mujeeb Ur Rahman **Muhammad Sarwar***, Coupled Fixed Point Theorem in Dislocated Quasi-Metric Spaces, *Communication in Nonlinear Analysis*. 2 (2016), 113-118
9. M. Abbas, H. Huang, **Muhammad Sarwar**, M. Shoaib, Fixed Point Results in Gq -Metric Spaces with W -distance, *Scientific Publications of The State University of Novi Pazar*, Ser. A: Appl. Math. Inform. and Mech. vol. 8, 1 (2016), 65-77.
10. Mian Bahadur Zada, **Muhammad Sarwar*** and Nayyar Mehmood, Common Fixed Point Results for Six Mappings via Integral Contractions with Applications, *International Journal of Analysis*, Volume 2016, Article ID 7480469, 13 pages. (Indexed in web of science)
11. Badshah-e-Rome and **Muhammad Sarwar***, Characterization Of Multiplicative Metric Completeness, *International Journal of Analysis and Applications*, Volume 10, Number 2 (2016), 90-94. (Indexed in web of science)
12. Abid Khan and Muhammad Sarwar, Uni-Soft Bi-Ideals and Uni-Soft Interior Ideals of Ag-groupoids , *Math. Sci. Lett.* **5**, No. 3, 271-277 (2016)

13. **Muhammad Sarwar***, Abdullah and Sayyed Inayat Ali Shah, Triple Fixed Point Theorem Satisfying Rational Type Contraction in G_b -Metric Spaces, *J. Adv. Math. Stud.* 9(2016), No. 2, 321-330. **(Scopus)**.
14. Muhammad Shoaib and **Muhammad Sarwar***, Fixed Point Theorem Satisfying weak Integral Type Contraction in Generalized Metric Spaces, *Math. Sci. Lett.* 5, No. 3, 213-219 (2016).
15. Poom Kumum, **Muhammad Sarwar***, Mian Bahadur Zada, Fixed Point Results Satisfying Rational Type Contractive Conditions in Complex Valued Metric Spaces, *Annales Mathematicae Silesianae*, 30 (2016), 89–110.
16. **Muhammad Sarwar***, Saddam Hussain and Panada Sumati Kumari. Common coupled fixed point theorems satisfying rational type contractive conditions in b-metric spaces, *Springer Plus* (2016) 5:257, DOI 10.1186/s40064-016-1849-6. **(IF: 0.982)**
17. Mian Bahadur Zada, **Muhammad Sarwar**, Nasir Rahman and Muhammad Imdad , Common fixed point results involving contractive condition of integral type in complex valued metric spaces, *J. Nonlinear Sci. Appl.* 9 (2016), 2900- 2913. **(IF: 1.17)**.
18. P. Sumati Kumari and **Muhammad Sarwar**, Some fixed point theorems in generating space of b -quasi-metric family , *Springer Plus.* (2016) 5:268, DOI 10.1186/s40064-016-1867-4, **(IF: 0.982)**
19. Branislav Z. Popovic , Muhammad Shoaib, and **Muhammad Sarwar**, Fixed Point Results Satisfying Rational Type Contraction in G -Metric Spaces, *Journal of Function Spaces*, Volume 2016, Article ID 9536765, 7 pages. **(IF: 0.426)**
20. Muhammad Shoaib, **Muhammad Sarwar**, Kmal Shah and Poom Kumum, Fixed point results and its applications to the systems of non-linear integral and differential equations of arbitrary order , *Journal of Nonlinear Science and. Applications*, 9 (2016), 4949-4962. **(IF: 1.17)**
21. Wutiphol Sintunavarat, Mian Bahadur Zada and **Muhamma Sarwar**, Common solution of Urysohn integral equations with the help of common fixed point results in complex valued metric spaces, *RACSAM* , DOI 10.1007/s13398-016-0309-z. **(IF: 0.468)**
22. **Muhammad Sarwar**, Mian Bahadur Zada and Nayyar Mehmood, Common fixed point results for weakly compatible mappings under contractive conditions of integral type in complex valued metric spaces, *Transactions of A. Razmadze Mathematical Institute* 170 (2016) 91–106.
23. Mujeeb Ur Rahman, **Muhammad Sarwar** and Muhib Ur Rahaman, Fixed Point Results of Altman Integral Type Mappings in S-Metric Spaces, *International Journal of Analysis and Applications*, Volume 10, Number 1 (2016), 58-63. **(Indexed in Web of Science)**
24. Mujeeb Ur Rahman and **Muhammad Sarwar**, Dislocated Quasi B-Metric Space and Fixed Point Theorems, *Electronic Journal of Mathematical Analysis and Applications* Vol. 4(2) July. 2016, No. 2, pp. 16-24.
25. Mujeeb Ur Rahman and **Muhammad Sarwar** Some New Fixed Point Theorems in Dislocated Quasi-Metric Spaces, *Palestine Journal of Mathematics*, Vol.5(1)(2016) 1–6.
26. Mujeeb Ur Rahman, **Muhammad Sarwar** and Muhib Ur Rahman, Fixed Point Theorems of Gregus Type in d -Metric Spaces, *Sohag J. Math.* 3, No. 1, 1-5 (2016)
27. Mujeeb Ur Rahman and **Muhammad Sarwar**, Coupled Fixed Point Theorem For Rational Contraction Conditions In Dislocated Quasi-Metric Space, *Palestine Journal of Mathematics* Vol. 5(2)(2016) 6–11.

2015

28. M.U. RAHMAN, **Muhammad SARWAR**, P. S. KUMARI, Common Tripled Fixed Point Theorem in Dislocated Quasi-Metric Space, *Sindh Univ. Res. Jour. (Sci. Ser.) Vol. 47 (4) (2015)*.
(Indexed in web of science)
29. **Muhammad Sarwar**, Mian Bahadur Zada and Inci M. Erhan Common fixed point theorems of integral type contraction on metric spaces and its applications to system of functional equations, . *Fixed Point Theory and Applications* (2015) 2015:217, DOI 10.1186/s13663-015-0466-3. (IF: 2.5)
30. Mujeeb Ur Rahman and **Muhammad Sarwar** Some Fixed Point Theorems Satisfying Contractive Conditions of Integral Type in Dislocated Quasi-MetricSpace, *Journal of Analysis & Number Theory*, **3**, No. 2, 1-6 (2015).
31. **Muhammad Sarwar** and Mujeeb Ur Rahman, Fixed point Theorems for Ciric and Generalized Contraction in b-metric spaces, *International Journal of Analysis and Applications*, **7**(1), 70-78, 2015.(Indexed in web of science)
32. Mujeeb Ur Rahman and **Muhammad Sarwar**, Some Fixed Point Theorems in Generalized Types of Metric Spaces, *Electronic Journal of Mathematical Analysis and Applications* 3(2) July 2015, pp. 289-296.
33. Mujeeb Ur Rahman and **Muhammad Sarwar**, Common Coupled Fixed Point and Coupled Coincidence Point Results in Dislocated Quasi-Metric Spaces, *Asian Journal of Mathematics and Computer Research*, **4**(4), 2015. 208-214.
34. Mujeeb Ur Rahman and **Muhammad Sarwar**, Some Remarks on Theorems in d-Metric and dq -Metric Spaces, *International Journal of Mathematics and Scientific Computing VOL. 5, NO. 1, 2015. 11-13*.
35. Abid Khan and **Muhammad Sarwar** Uni-Soft Ideals of Ternary Semigroups *International Journal of Mathematics and Scientific Computing VOL. 5, NO. 1, 2015. 60-65*.
36. **Muhammad Sarwar** and Mian Bahadur Zada, Common Fixed Point Theorems for Six Self-Maps Satisfying Common(E.A) and Common(CLR) Properties In Complex Valued Metric Space, *Electronic Journal of Mathematical Analysis and Applications*, **3**(1) 228-344, 2105.
37. Mujeeb Ur Rahman and **Muhammad Sarwar** Fixed Point Theorems for Expanding Mappings in Dislocated Metric Space, *Mathematical Sciences Letters*, **4**(1) 1-5, 2015.

2014

38. Alexander Meskhi, Ghulam Murtaza and **Muhammad Sarwar**, A characterization of the two-weight inequality for Riesz potentials on cones of radially decreasing functions, *Journal of Inequalities and Applications*, **2014**: 383, 2014.(IF: 0.630)
39. Mujeeb Ur Rahman and **Muhammad Sarwar**, A Fixed Point Theorem for Three Pairs of Mappings Satisfying Contractive Condition of Integral Type in Dislocated Metric Space, *Journal of Operators*, Article ID 750427, 5 pages, 2014.
40. Mujeeb Ur Rahman and **Muhammad Sarwar**, Generalized Fixed Point Results in Dislocate and Dislocated Quasi-Metric Spaces0, *International Journal of Mathematics and Scientific Computing*, **4**(2) 107-110, 2014.

41. Mujeeb Ur Rahman and **Muhammad Sarwar**, Fixed Point Results for Some New Type of Contraction Conditions in Dislocated Quasi-Metric Space, *International Journal of Mathematics and Scientific Computing*, **4**(2) 68-71, 2014.
42. **Muhammad Sarwar** and Mujeeb Ur Rahman, Six Maps Version for Hardy-Rogers Type Mapping in Dislocated Metric Spaces, *Proc. A. Razmadze Math. Inst.* **166**, 121-132, 2014.
43. **Muhammad Sarwar**, Ghulam Murtaza and Irshad Ahmad, Riemann-Liouville and Higher Dimensional Hardy Operators for Non-Negative Decreasing Function in $L^{p(\cdot)}$ Spaces, *Abstract and Applied Analysis*, Article ID 621857, 5 pages, 2014. (Scopus)
44. **Muhammad Sarwar**, Mujeeb Ur Rahman and Gohar Ali, Some fixed point result in dislocated quasi metric (dq-metric) spaces, *Journal of Inequalities and Applications*, **2014**:278, 2104. **IF: 0.630**
45. Mujeeb Ur Rahman and **Muhammad Sarwar**, Fixed Point Results in Dislocated Quasi Metric Spaces, *Int. Math. Forum*, **9**(2014), 677-682.
46. **Muhammad Sarwar** and Abid Khan, On Uni-soft (Quasi) Ideals of AG-groupoids, *Applied Mathematical Sciences*, **8**(12) 589 – 600. 2014.(Scopus).

2013

47. Vakhtang Kokilashvili, Alexander Meskhi and **Muhammad Sarwar**, Two-Weight Norm Estimates for Maximal And Caldero'n-Zygmund Operator in Variable Exponent Lebesgue Spaces, *Georgian Mathematical Journal*, **20** (2013) No. 3, 415-624. (IF: 0.43).

2012

48. **Muhammad Sarwar** and Majid Ali, On Intuitionistic Fuzzy h-ideals in H-hemiregular Hemirings and h*-Duo Hemiring, *Eurasian Mathematical Journal*, **3** (2012), No.4, 111–136. (Indexed in web of science).

2011

49. Alexander Meskhi, Ghulam Murtaza and **Muhammad Sarwar**, Weighted Criteria for One-sided Potentials with Product Kernels on Cones of Decreasing Function, *Mathematical Inequalities and Applications*, **11**(3)693-708, 2011. (IF: 0.45)
50. Vakhtang Kokilashvili, Alexander Meskhi and **Muhammad Sarwar**, Potential Operators in Variable Exponent Lebesgue Spaces. Two-weight Estimates, *Journal of Inequalities and Application*, Article ID 329571, 27 pages, 2010.(IF: 0.630).

2010

51. Vakhtang Kokilashvili, Alexander Meskhi and **Muhammad Sarwar**, One and Two Weight Estimates for One- sided Operators in $L^{p(\cdot)}$ Spaces, *Eurasian Mathematical Journal*, **1**(1) 73-110, 2010. Indexed in web of science)
52. Alexander Meskhi, Ghulam Murtaza and **Muhammad Sarwar**, Two Weight Criteria for Potentials with Product Kernels on Cones of Decreasing Function, *Proc. A. Razmadze Math. Inst.*, **152** (2010), 144–153.

2009

- 53.** Vakhtang Kokilashvili, Alexander Meskhi and **Muhammad Sarwar**, One and Two Weight Norm Estimates for One-sided Operators in $L^{p(x)}$ Spaces, *Proc. A. Razmadze Math. Inst.*, **148** (2008), 126–133