

Muhammad Farooq

List of Publications by Year in descending order

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45
papers

716
citations

567281

15
h-index

580821

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45
all docs

45
docs citations

45
times ranked

1113
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone deacetylase 3 (hdac3) is specifically required for liver development in zebrafish. <i>Developmental Biology</i> , 2008, 317, 336-353.	2.0	112
2	Pharmacologically induced angiogenesis in transgenic zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 766-771.	2.1	53
3	In Vitro Alpha-Amylase and Alpha-Glucosidase Inhibitory Activity and In Vivo Antidiabetic Activity of <i>Withania frutescens</i> L. Foliar Extract. <i>Molecules</i> , 2021, 26, 293.	3.8	53
4	Lithium Induced Toxicity in Rats: Blood Serum Chemistry, Antioxidative Enzymes in Red Blood Cells and Histopathological Studies. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 272-277.	1.4	46
5	Design and synthesis of mono- and di-pyrazolyl-s-triazine derivatives, their anticancer profile in human cancer cell lines, and in vivo toxicity in zebrafish embryos. <i>Bioorganic Chemistry</i> , 2019, 87, 457-464.	4.1	37
6	Cytotoxic Evaluation and Anti-Angiogenic Effects of Two Furano-Sesquiterpenoids from <i>Commiphora myrrh</i> Resin. <i>Molecules</i> , 2020, 25, 1318.	3.8	30
7	Augmenter of Liver Regeneration (alr) Promotes Liver Outgrowth during Zebrafish Hepatogenesis. <i>PLoS ONE</i> , 2012, 7, e30835.	2.5	29
8	Effectiveness of zinc in modulating perinatal effects of arsenic on the teratological effects in mice offspring. <i>Biological Research</i> , 2013, 46, 131-138.	3.4	28
9	Bitter gourd (<i>Momordica charantia</i>) possess developmental toxicity as revealed by screening the seeds and fruit extracts in zebrafish embryos. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 184.	3.7	26
10	Identification of Histone Deacetylase 1 Protein Complexes in Liver Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 915-921.	1.2	22
11	Synthesis, Characterization, and Anti-Cancer Activity of Some New N ² -(2-Oxoindolin-3-ylidene)-2-propylpentane hydrazide-hydrazones Derivatives. <i>Molecules</i> , 2015, 20, 14638-14655.	3.8	21
12	Two heptacoordinated manganese(II) complexes of giant pentadentate s-triazine bis-Schiff base ligand: Synthesis, crystal structure, biological and DFT studies. <i>Inorganica Chimica Acta</i> , 2018, 479, 275-285.	2.4	21
13	Synthesis, structural and biological studies of two new Co(III) complexes with tridentate hydrazone ligand derived from the antihypertensive drug hydralazine. <i>Inorganica Chimica Acta</i> , 2017, 466, 16-29.	2.4	19
14	Di- and tri-substituted s-triazine derivatives: Synthesis, characterization, anticancer activity in human breast-cancer cell lines, and developmental toxicity in zebrafish embryos. <i>Bioorganic Chemistry</i> , 2020, 94, 103397.	4.1	17
15	Phytochemical constituents and anticancer activities of <i>Tarhomonanthus camphoratus</i> essential oils grown in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1474-1480.	2.7	17
16	Cichorins D ⁺ : Three New Compounds from <i>Cichorium intybus</i> and Their Biological Effects. <i>Molecules</i> , 2020, 25, 4160.	3.8	14
17	Biological Screening of Novel Derivatives of Valproic Acid for Anticancer and Antiangiogenic Properties. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 7785-7792.	1.2	14
18	Synthesis of Novel Class of N ¹ -Alkyl-isatin-3-iminobenzoic Acid Derivatives and Their Biological Activity in Zebrafish Embryos and Human Cancer Cell Lines. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 350-359.	1.4	13

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19	Mutated VWA8 Is Associated With Developmental Delay, Microcephaly, and Scoliosis and Plays a Novel Role in Early Development and Skeletal Morphogenesis in Zebrafish. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 736960.	3.7	12
20	Investigating the antiangiogenic potential of <i>Rumex vesicarius</i> (humeidh), anticancer activity in cancer cell lines and assessment of developmental toxicity in zebrafish embryos. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 611-622.	3.8	11
21	Insecticidal Effect of <i>Solenostemma argel</i> Extracts Against <i>Culex pipiens</i> . <i>Journal of the American Mosquito Control Association</i> , 2018, 34, 217-223.	0.7	11
22	Biological Screening of Newly Synthesized BIAN N-Heterocyclic Gold Carbene Complexes in Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24718-24731.	4.1	10
23	Synthesis and Biological Activity of Schiff Base Series of Valproyl, Ñ-Valproyl Glyciny, and Ñ-Valproyl-4-aminobenzoyl Hydrazide Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 591-599.	1.3	9
24	Larvicidal potency of selected xerophytic plant extracts on <i>Culex pipiens</i> (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 T	1.1	8
25	First report on fish cysteine as a biomarker of contamination in the River Chenab, Pakistan. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15495-15503.	5.3	7
26	The Antiproliferative and Apoptotic Effect of a Novel Synthesized S-Triazine Dipeptide Series, and Toxicity Screening in Zebrafish Embryos. <i>Molecules</i> , 2021, 26, 1170.	3.8	7
27	Antiproliferative Illudalane Sesquiterpenes from the Marine Sediment Ascomycete <i>Aspergillus oryzae</i> . <i>Marine Drugs</i> , 2021, 19, 333.	4.6	7
28	The phytochemical screening and antiangiogenic activity of audthan al himar (<i>Moricandia sinaica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 University - Science, 2020, 32, 2370-2376.	3.5	6
29	Investigating the Anticancer Activity and Characterization of Bioactive Constituents of <i>Moricandia sinaica</i> (Boiss.) Boiss through In Vitro and In Silico Approaches in Triple-Negative Breast Cancer Cell Line. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1244.	2.5	6
30	The Reproductive Toxicity Associated with <i>Dodonaea viscosa</i> , a Folk Medicinal Plant in Saudi Arabia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-9.	1.2	6
31	ANTICANCER POTENTIAL OF PLANT EXTRACTS FROM RIYADH (SAUDI ARABIA) ON MDA-MB-231 BREAST CANCER CELLS. <i>Tropical Journal of Obstetrics and Gynaecology</i> , 2018, 15, 46.	0.3	5
32	BIAN N-Heterocyclic Gold Carbene Complexes induced cytotoxicity in human cancer cells via upregulating oxidative stress. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 7003-7006.	1.2	5
33	Cytotoxicity of Newly Synthesized QuinazolineÑ-Sulfonamide Derivatives in Human Leukemia Cell Lines and Their Effect on Hematopoiesis in Zebrafish Embryos. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4720.	4.1	5
34	Apoptotic Potential of Ñ- <i>Artemisia sieberia</i> Ñ- Besser (Asteraceae) Fraction against Human Cancer Cell Lines. <i>Tropical Journal of Pharmaceutical Research</i> , 2015, 14, 1779.	0.3	4
35	In Vitro Antioxidant, Cytotoxic Activities, and Phenolic Profile of <i>Senecio glaucus</i> from Saudi Arabia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-9.	1.2	4
36	Evaluating antibody response pattern in asymptomatic virus infected pregnant females: Human well-being study. <i>Journal of King Saud University - Science</i> , 2021, 33, 101255.	3.5	4

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37	Pharmacological inhibition of HDAC1/3-interacting proteins induced morphological changes, and hindered the cell proliferation and migration of hepatocellular carcinoma cells. <i>Environmental Science and Pollution Research</i> , 2021, 28, 49000-49013.	5.3	4
38	Ozoromide: A New Ceramide from the Stem Bark of <i>Ozoroa pulcherrima</i> . <i>Chemistry of Natural Compounds</i> , 2017, 53, 923-925.	0.8	3
39	Target and Nontarget Toxicity of <i>Cassia fistula</i> Fruit Extract Against <i>Culex pipiens</i> (Diptera: Culicidae), Lung Cells (BEAS-2B) and Zebrafish (<i>Danio rerio</i>) Embryos. <i>Journal of Medical Entomology</i> , 2019, 57, 493-502.	1.8	3
40	Epigenetic targets in hepatocellular carcinoma cells: identification of chaperone protein complexes with histone deacetylases. <i>Epigenomics</i> , 2013, 5, 501-512.	2.1	2
41	Protocol for synthesis of di- and tri-substituted s-triazine derivatives. <i>MethodsX</i> , 2020, 7, 100825.	1.6	2
42	In-silico network-based analysis of drugs used against COVID-19: Human well-being study. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 2029-2039.	3.8	2
43	Ecogenotoxicological studies for an early toxicity screening and monitoring in <i>Epinephelus chlorostigma</i> and <i>Scambrormorus commerson</i> . <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2719-2726.	3.8	1
44	Hyper-ovulation, endometriosis, and hyperplasia associated with tamoxifen exposure in Swiss albino mice. <i>Journal of King Saud University - Science</i> , 2020, 32, 3026-3031.	3.5	0
45	Prefoldin proteins 2/6, and HMG20B are regulated by HDAC1, HDAC3 and are novel therapeutic and prognostic biomarkers in hepatocellular carcinoma. <i>Journal of King Saud University - Science</i> , 2022, 34, 101812.	3.5	0