

Muhammad Latif

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

671
citations

623574

14
h-index

580701

25
g-index

43
all docs

43
docs citations

43
times ranked

1083
citing authors

#	ARTICLE	IF	CITATIONS
1	First macrocyclic 3 rd -generation ALK inhibitor for treatment of ALK/ROS1 cancer: Clinical and designing strategy update of lorlatinib. <i>European Journal of Medicinal Chemistry</i> , 2017, 134, 348-356.	2.6	79
2	A comprehensive heterogeneous electron transfer rate constant evaluation of dissolved oxygen in DMSO at glassy carbon electrode measured by different electrochemical methods. <i>Journal of Electroanalytical Chemistry</i> , 2016, 775, 157-162.	1.9	73
3	A Smart Drug Delivery System Based on Biodegradable Chitosan/Poly(allylamine hydrochloride) Blend Films. <i>Pharmaceutics</i> , 2020, 12, 131.	2.0	53
4	Human saliva can be a diagnostic tool for Zika virus detection. <i>Journal of Infection and Public Health</i> , 2019, 12, 601-604.	1.9	50
5	Customized Therapeutic Surface Coatings for Dental Implants. <i>Coatings</i> , 2020, 10, 568.	1.2	45
6	Development of highly potent melanogenesis inhibitor by in vitro, in vivo and computational studies. <i>Drug Design, Development and Therapy</i> , 2017, Volume 11, 2029-2046.	2.0	44
7	Hydroxyl substituted benzoic acid/cinnamic acid derivatives: Tyrosinase inhibitory kinetics, anti-melanogenic activity and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126722.	1.0	40
8	Biochemical analysis of oral fluids for disease detection. <i>Advances in Clinical Chemistry</i> , 2021, 100, 205-253.	1.8	35
9	Novel bis-ortho-alkoxy-para-piperazinesubstituted-2,4-dianilinopyrimidines (KRCA-0008) as potent and selective ALK inhibitors for anticancer treatment. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 6192-6196.	1.0	21
10	Remote Stereoinductive Intramolecular Nitrile Oxide Cycloaddition: Asymmetric Total Synthesis and Structure Revision of (S)-11 ^H -Hydroxycurvularin. <i>Journal of Organic Chemistry</i> , 2016, 81, 2612-2617.	1.7	20
11	Controlled-release behavior of ciprofloxacin from a biocompatible polymeric system based on sodium alginate/poly(ethylene glycol) mono methyl ether. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1047-1054.	3.6	18
12	Journey of the ALK-inhibitor CH5424802 to phase II clinical trial. <i>Archives of Pharmacal Research</i> , 2013, 36, 1051-1054.	2.7	17
13	Synthesis and Antiviral Activity of New Substituted Methyl [2-((arylmethyleneamino)thiazolidinylidene)acetates. <i>Archiv Der Pharmazie</i> , 2013, 346, 618-625.	2.1	15
14	Stereoselective Construction of 2,6-cis-Disubstituted Tetrahydropyrans via Intramolecular Amide Enolate Alkylation: Total Synthesis of (S)-Centrolobine. <i>Journal of Organic Chemistry</i> , 2015, 80, 3315-3320.	1.7	15
15	Antihyperlipidemic studies of newly synthesized phenolic derivatives: in silico and in vivo approaches. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 2443-2453.	2.0	13
16	Discovery of fluorescent 3-heteroaryl coumarin derivatives as novel inhibitors of anaplastic lymphoma kinase. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 186-194.	1.5	12
17	ALK inhibitors of bis-ortho-alkoxy-para-piperazinesubstituted-pyrimidines and -triazines for cancer treatment. <i>Archives of Pharmacal Research</i> , 2014, 37, 1130-1138.	2.7	11
18	Synthesis, characterization and biological evaluation of N-(2,3-dimethyl-5-oxo-1-phenyl-2,5-dihydro-1H-pyrazol-4-yl)benzamides. <i>RSC Advances</i> , 2015, 5, 86428-86439.	1.7	10

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19	Sequence analysis of four vitamin D family genes (VDR, CYP24A1, CYP27B1 and CYP2R1) in Vogt-Koyanagi-Harada (VKH) patients: identification of a potentially pathogenic variant in CYP2R1. BMC Ophthalmology, 2016, 16, 172.	0.6	10
20	Periostin: Immunomodulatory Effects on Oral Diseases. European Journal of Dentistry, 2020, 14, 462-466.	0.8	10
21	Novel 2,4-dianilino-5-fluoropyrimidine derivatives possessing ALK inhibitory activities. Archives of Pharmacal Research, 2014, 37, 873-881.	2.7	9
22	An 18 bps in-frame deletion mutation in RUNX2 gene is a population polymorphism rather than a pathogenic variant. European Journal of Medical Genetics, 2019, 62, 124-128.	0.7	9
23	Green synthesis and characterization of Fe, Cu and Mg oxide nanoparticles using Clematis orientalis leaf extract: Salt concentration modulates physiological and biological properties. Materials Chemistry and Physics, 2021, 271, 124900.	2.0	9
24	New Pyrimidine Derivatives possessing ALK Inhibitory Activities. Bulletin of the Korean Chemical Society, 2013, 34, 3129-3132.	1.0	9
25	potential alkaline phosphatase inhibitors. Drug Development Research, 2019, 80, 646-654.	1.4	8
26	pH-sensitive drug delivery systems. , 2020, , 259-278.		8
27	Design, Synthesis and Biological Evaluation of 2-(naphthoyl) iminothiazolidinones as Potential Anticancer Agents. ChemistrySelect, 2020, 5, 3965-3970.	0.7	8
28	Antioxidant, antimicrobial, enzyme inhibition, and cytotoxicity guided investigation of Sideroxylon mascatense (A.DC.) T.D. Penn. leaves extracts. Natural Product Research, 2022, 36, 4227-4230.	1.0	7
29	Latest perspectives of orally bioavailable 2,4-diarylaminopyrimidine analogues (DAAPalogues) as anaplastic lymphoma kinase inhibitors: discovery and clinical developments. RSC Advances, 2018, 8, 16470-16493.	1.7	5
30	Synthesis, characterization, crystal structures, and antibacterial activity of some new 1-(3,4,5-trimethoxybenzoyl)-3-aryl thioureas. Turkish Journal of Chemistry, 0, , .	0.5	3
31	Whole exome sequencing identified a novel missense alteration in CC2D2A causing Joubert syndrome 9 in a Pakhtun family. Journal of Gene Medicine, 2021, 23, e3279.	1.4	2
32	Drugs eluting dental implants. , 2020, , 225-240.		1
33	Synthesis, photoinduced amination and topological indices of novel porphyrin dyads. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1054-1065.	0.4	1
34	Frameshift variant in MITF gene in a large family with Waardenburg syndrome type II and a co-segregation of a C2orf74 variant. PLoS ONE, 2021, 16, e0246607.	1.1	1
35	Design, Synthesis, and Evaluation of 2-(Anilino-(3,5-dicarboxamidospiperidine)-pyrimidines as Anaplastic Lymphoma Kinase Inhibitors. Bulletin of the Korean Chemical Society, 2015, 36, 2397-2400.	1.0	0
36	Synthesis, Characterization, and Biological Evaluation of Oxadiazole Derivatives Bearing 5-Phenyl-tetrazole as Osteoclast Differentiation Inhibitors. Bulletin of the Korean Chemical Society, 2015, 36, 2247-2253.	1.0	0

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37	Whole exome sequencing reveals a homozygous SGCB variant in a Pakhtun family with limb girdle muscular dystrophy (LGMDR4) phenotype. <i>Gene Reports</i> , 2021, 22, 101014.	0.4	0
38	4-Fluoro-N-[3-(2-fluorophenyl)-4-methyl-2,3-dihydro-2-thienylidene]benzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1643-o1643.	0.2	0
39	4-Chloro-N-cyclohexylbenzamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1539-o1539.	0.2	0
40	Synthesis and Biological Evaluation of Tetrapeptide Ketones as Reversible 20S Proteasome Inhibitors. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3571-3575.	1.0	0
41	Isolation and biological evaluation of some secondary metabolites from seeds of <i>Silybum marianum</i> . <i>Pharmacognosy Magazine</i> , 2020, 16, 93.	0.3	0