

Muhammad Safwan Akram

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

2,312
citations

623699

14
h-index

713444

21
g-index

22
all docs

22
docs citations

22
times ranked

3472
citing authors

#	ARTICLE	IF	CITATIONS
1	Paper-based microfluidic point-of-care diagnostic devices. <i>Lab on A Chip</i> , 2013, 13, 2210.	6.0	1,615
2	First principles study of electronic and nonlinear optical properties of Aâ€“Dâ€“â€“A and Dâ€“Aâ€“Dâ€“â€“A configured compounds containing novel quinolineâ€“carbazole derivatives. <i>RSC Advances</i> , 2020, 10, 22273-22283.	3.6	122
3	The regulation of mobile medical applications. <i>Lab on A Chip</i> , 2014, 14, 833.	6.0	86
4	Exploration of efficient electron acceptors for organic solar cells: rational design of indacenodithiophene based non-fullerene compounds. <i>Scientific Reports</i> , 2021, 11, 19931.	3.3	63
5	Synthesis, biological evaluation and docking studies of 2,3-dihydroquinazolin-4(1 H)-one derivatives as inhibitors of cholinesterases. <i>Bioorganic Chemistry</i> , 2017, 70, 237-244.	4.1	51
6	Exploration of promising optical and electronic properties of (non-polymer) small donor molecules for organic solar cells. <i>Scientific Reports</i> , 2021, 11, 21540.	3.3	46
7	Structural modulation of Î€-conjugated linkers in Dâ€“â€“A dyes based on triphenylamine dicyanovinylene framework to explore the NLO properties. <i>Royal Society Open Science</i> , 2021, 8, 210570.	2.4	45
8	Synthesis, crystal structure determination, biological screening and docking studies of N 1-substituted derivatives of 2,3-dihydroquinazolin-4(1 H)-one as inhibitors of cholinesterases. <i>Bioorganic Chemistry</i> , 2017, 72, 256-267.	4.1	43
9	Effectiveness of Natural Antioxidants against SARS-CoV-2? Insights from the In-Silico World. <i>Antibiotics</i> , 2021, 10, 1011.	3.7	41
10	Molecular engineering of indenoindene-3-ethylrodanine acceptors with A2-A1-D-A1-A2 architecture for promising fullerene-free organic solar cells. <i>Scientific Reports</i> , 2021, 11, 20320.	3.3	39
11	Metal based drugs: design, synthesis and <i>in-vitro</i> antimicrobial screening of Co(II), Ni(II), Cu(II) and Zn(II) complexes with some new carboxamide derived compounds: crystal structures of N-[ethyl(propan-2-yl)carbamothioyl]thiophene-2-carboxamide and its copper(II) complex. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 590-598.	5.2	32
12	Antimicrobial metal-based thiophene derived compounds. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 106-112.	5.2	28
13	Metal-based ethanolamine-derived compounds: a note on their synthesis, characterization and bioactivity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 88-97.	5.2	26
14	Engineered Proteins for Bioelectrochemistry. <i>Annual Review of Analytical Chemistry</i> , 2014, 7, 257-274.	5.4	14
15	Applications of Paper-Based Diagnostics. , 2015, , 161-195.		14
16	Challenges for biosimilars: focus on rheumatoid arthritis. <i>Critical Reviews in Biotechnology</i> , 2021, 41, 121-153.	9.0	14
17	Tailor-made recombinant prokaryotic lectins for characterisation of glycoproteins. <i>Analytica Chimica Acta</i> , 2021, 1155, 338352.	5.4	12
18	Iridescence in Meat Caused by Surface Gratings. <i>Foods</i> , 2013, 2, 499-506.	4.3	9

#	ARTICLE	IF	CITATIONS
19	Probing Transferrin Receptor Overexpression in Gastric Cancer Mice Models. ACS Omega, 2021, 6, 29893-29904.	3.5	6
20	Wasting cashâ€”the decline of the British biotech sector. Nature Biotechnology, 2009, 27, 531-537.	17.5	4
21	Gastric Cancer Screening Methods: A Comparative Study of Two Scoring Methods. Cancer Management and Research, 2021, Volume 13, 5785-5791.	1.9	1
22	Ficus benghalensis as Potential Inhibitor of 5Î±-Reductase for Hair Growth Promotion: In Vitro, In Silico, and In Vivo Evaluation. Frontiers in Pharmacology, 2021, 12, 774583.	3.5	1