

# Joazaizulfazli Jamalis

## List of Publications by Year in descending order

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32  
papers

589  
citations

623188

14  
h-index

642321

23  
g-index

32  
all docs

32  
docs citations

32  
times ranked

689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Druggable targets of SARS-CoV-2 and treatment opportunities for COVID-19. <i>Bioorganic Chemistry</i> , 2020, 104, 104269.	2.0	74
2	Structure and properties of oil palm-based nanocellulose reinforced chitosan nanocomposite for efficient synthesis of butyl butyrate. <i>Carbohydrate Polymers</i> , 2017, 176, 281-292.	5.1	58
3	Simple adsorption of <i>Candida rugosa</i> lipase onto multi-walled carbon nanotubes for sustainable production of the flavor ester geranyl propionate. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 32, 99-108.	2.9	55
4	Characterization, optimization and stability studies on <i>Candida rugosa</i> lipase supported on nanocellulose reinforced chitosan prepared from oil palm biomass. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 306-316.	3.6	41
5	Novel thiophene Chalcones-Coumarin as acetylcholinesterase inhibitors: Design, synthesis, biological evaluation, molecular docking, ADMET prediction and molecular dynamics simulation. <i>Bioorganic Chemistry</i> , 2022, 119, 105572.	2.0	40
6	Synthesis and study of anti-HIV-1 RT activity of 5-benzoyl-4-methyl-1,3,4,5-tetrahydro-2H-1,5-benzodiazepin-2-one derivatives. <i>Bioorganic Chemistry</i> , 2017, 72, 74-79.	2.0	35
7	Statistical optimization and operational stability of <i>Rhizomucor miehei</i> lipase supported on magnetic chitosan/chitin nanoparticles for synthesis of pentyl valerate. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 680-695.	3.6	26
8	Effect of operative variables and kinetic study of butyl butyrate synthesis by <i>Candida rugosa</i> lipase activated by chitosan-reinforced nanocellulose derived from raw oil palm leaves. <i>Enzyme and Microbial Technology</i> , 2019, 130, 109367.	1.6	25
9	Synthesis of geranyl propionate in a solvent-free medium using <i>Rhizomucor miehei</i> lipase covalently immobilized on chitosan-graphene oxide beads. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 199-210.	1.0	23
10	How to face COVID-19: proposed treatments based on remdesivir and hydroxychloroquine in the presence of zinc sulfate. Docking/DFT/POM structural analysis. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 9429-9442.	2.0	20
11	Silyl Migrations in Xylose Derivatives: Total Synthesis of a Marine Quinoline Alkaloid. <i>Organic Letters</i> , 2013, 15, 5734-5737.	2.4	17
12	Synthesis, molecular structure, Hirshfeld surface, spectral investigations and molecular docking study of 3-(5-bromo-2-thienyl)-1-(4-fluorophenyl)-3-acetyl-2-pyrazoline (2) by DFT method. <i>Journal of Molecular Structure</i> , 2018, 1164, 420-437.	1.8	15
13	Taguchi orthogonal design assisted immobilization of <i>Candida rugosa</i> lipase onto nanocellulose-silica reinforced polyethersulfone membrane: physicochemical characterization and operational stability. <i>Cellulose</i> , 2021, 28, 5669.	2.4	15
14	Psoralen Derivatives: Recent Advances of Synthetic Strategy and Pharmacological Properties. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2020, 19, 222-239.	1.1	15
15	Synthesis, characterization, antifungal activities and crystal structure of thiophene-based heterocyclic chalcones. <i>Chemical Data Collections</i> , 2017, 9-10, 104-113.	1.1	14
16	Synthesis, characterization, POM analysis and antifungal activity of novel heterocyclic chalcone derivatives containing acylated pyrazole. <i>Research on Chemical Intermediates</i> , 2017, 43, 1893-1907.	1.3	13
17	Non-covalent interactions and spectroscopic study of chalcone derivative 1-(4-chlorophenyl)-3-(5-methylfuran-2-yl)prop-2-en-1-one. <i>Journal of Molecular Structure</i> , 2020, 1201, 127145.	1.8	12
18	Synthesis, characterization, and cytotoxic activities of heterocyclic chalcones containing furan, and crystal structure of 1-(4-iodophenyl)-3-(5-methylfuran-2-yl)prop-2-en-1-one. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 631, 119-131.	0.4	10

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19	Molecular Docking and Recent Advances in the Design and Development of Cholinesterase Inhibitor Scaffolds: Coumarin Hybrids. <i>ChemistrySelect</i> , 2019, 4, 14140-14156.	0.7	10
20	Structural Characterization of a New Chalcone Compound Containing a Thiophene Moiety: (E)-3-(5-Bromothiophen-2-yl)-1-(2,5-Dichlorothiophen-3-yl)-2-Propen-1-one. <i>Journal of Structural Chemistry</i> , 2018, 59, 1440-1445.	0.3	9
21	Synthesis and antimicrobial activity evaluation of some new 7-substituted quinolin-8-ol derivatives: POM analyses, docking, and identification of antibacterial pharmacophore sites. <i>Chemical Data Collections</i> , 2021, 31, 100593.	1.1	9
22	Ternary Blended Chitosan/Chitin/ $Fe_3O_4$ Nanosupport for Lipase Activation and Stabilization. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 6327-6337.	1.7	8
23	Structural characterization and Hirshfeld surface analysis of the pyrazoline 1-(3-(4-iodophenyl)-5-(3-methylthiophen-2-yl)-4,5-dihydro-1H-pyrazol-1-yl)ethan-1-one. <i>Journal of Molecular Structure</i> , 2020, 1210, 128044.	1.8	8
24	Recent Update on the Anti-infective Potential of $\beta$ -carboline Analogs. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 398-425.	1.1	8
25	Structure and properties of lipase activated by cellulose-silica polyethersulfone membrane for production of pentyl valerate. <i>Carbohydrate Polymers</i> , 2020, 245, 116549.	5.1	6
26	Coumarin-Oxadiazole Derivatives: Synthesis and Pharmacological Properties. <i>Mini-Reviews in Organic Chemistry</i> , 2020, 17, 780-794.	0.6	5
27	Synthesis, characterization, structural elucidation and Hirshfeld surface analysis of (E)-1-(4-bromophenyl)-3-(5-bromothiophen-2-yl)prop-2-en-1-one. <i>Journal of Molecular Structure</i> , 2020, 1210, 128044.	1.1	4
28	Search for new therapeutics against HIV-1 via dual inhibition of RNase H and integrase: current status and future challenges. <i>Future Medicinal Chemistry</i> , 2021, 13, 269-286.	1.1	4
29	Synthesis, spectral characterization (FT-IR, FT-Raman and NMR) and Quantum computational analysis of (E)-1-(4-Bromophenyl)-3-(5-bromothiophen-2-yl)prop-2-en-1-one. <i>Chemical Data Collections</i> , 2020, 28, 100415.	1.1	4
30	Synthesis, characterization, in silico and antifungal studies of thiazolidine analogues. <i>Chemical Data Collections</i> , 2019, 21, 100219.	1.1	3
31	Structural properties of a novel heterocyclic chalcones derivative, (E)-3-(5-methyl furan-2-yl)-1-phenyl prop-2-en-1-one: A spectroscopic and DFT perception. <i>Journal of Molecular Structure</i> , 2021, 1244, 130973.	1.8	2
32	Effect of substituents on the inhibitive properties of newly synthesized 5-benzoyl-4-methyl-1,3,4,5-tetrahydro-1,5-benzodiazepin-2-one derivatives against mild steel corrosion in an acidic medium. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 2070-2082.	0.8	1