

# Haroon Ur Rashid

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

962  
citations

567281

15  
h-index

454955

30  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular docking and dynamic simulations of Cefixime, Etoposide and Nebrodenside A against the pathogenic proteins of SARS-CoV-2. <i>Journal of Molecular Structure</i> , 2022, 1247, 131296.	3.6	27
2	Synthesis of novel silica encapsulated spiropyran-based thermochromic materials. <i>Royal Society Open Science</i> , 2022, 9, 211385.	2.4	5
3	Research developments in the syntheses, anti-inflammatory activities and structure-activity relationships of pyrimidines. <i>RSC Advances</i> , 2021, 11, 6060-6098.	3.6	66
4	Conditions Optimization and Physiochemical Analysis of Oil Obtained by Catalytic Pyrolysis of Scrap Tube Rubber Using MgO as Catalyst. <i>Catalysts</i> , 2021, 11, 357.	3.5	5
5	Discovery of Biomarkers in Hepatocellular Carcinoma Metastasis Using Bioinformatic Analysis. <i>Current Bioinformatics</i> , 2021, 16, 909-919.	1.5	2
6	Potential Drug Candidates in Clinical Trials for the Treatment of Covid-19: An Updated Overview. <i>Orbital</i> , 2021, 13, .	0.3	0
7	New modification strategy of matrine as Hsp90 inhibitors based on its specific L conformation for cancer treatment. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115305.	3.0	10
8	Emodin-Containing MCM-41 Type Mesoporous Silica Nanoparticle Drug Delivery System. <i>Theoretical and Experimental Chemistry</i> , 2020, 56, 174-182.	0.8	2
9	Anti-cancer potential of sophoridine and its derivatives: Recent progress and future perspectives. <i>Bioorganic Chemistry</i> , 2020, 99, 103863.	4.1	25
10	SYNTHESIS AND CHARACTERIZATION OF GADOLINIUM-BASED NANOCRYSTALS FOR THEIR POTENTIAL APPLICATION AS TRIMODAL IMAGING CONTRAST AGENTS. <i>Journal of the Chilean Chemical Society</i> , 2020, 65, 4717-4721.	1.2	0
11	Design, synthesis, and biological evaluation of matrine derivatives possessing piperazine moiety as antitumor agents. <i>Medicinal Chemistry Research</i> , 2019, 28, 1618-1627.	2.4	15
12	Boosting the hydrodesulfurization of dibenzothiophene efficiency of Mn decorated (Co/Ni)-Mo/Al <sub>2</sub> O <sub>3</sub> catalysts at mild temperature and pressure by coupling with phosphonium based ionic liquids. <i>Chemical Engineering Journal</i> , 2019, 375, 121957.	12.7	73
13	Promising anti-inflammatory effects of chalcones via inhibition of cyclooxygenase, prostaglandin E <sub>2</sub> , inducible NO synthase and nuclear factor $\kappa$ B activities. <i>Bioorganic Chemistry</i> , 2019, 87, 335-365.	4.1	107
14	Hydrodesulfurization of dibenzothiophene using Pd-promoted Co-Mo/Al <sub>2</sub> O <sub>3</sub> and Ni-Mo/Al <sub>2</sub> O <sub>3</sub> catalysts coupled with ionic liquids at ambient operating conditions. <i>RSC Advances</i> , 2019, 9, 10371-10385.	3.6	54
15	Design, synthesis and evaluation of novel (S)-tryptamine derivatives containing an allyl group and an aryl sulfonamide unit as anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1133-1137.	2.2	18
16	Research advances on anticancer activities of matrine and its derivatives: An updated overview. <i>European Journal of Medicinal Chemistry</i> , 2019, 161, 205-238.	5.5	122
17	Ultra-fast and highly efficient catalytic oxidative desulfurization of dibenzothiophene at ambient temperature over low Mn loaded Co-Mo/Al <sub>2</sub> O <sub>3</sub> and Ni-Mo/Al <sub>2</sub> O <sub>3</sub> catalysts using NaClO as oxidant. <i>Fuel</i> , 2019, 237, 793-805.	6.4	118
18	Design, synthesis and biological evaluation of matrine derivatives as potential anticancer agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 677-683.	2.2	17

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19	Oxidative desulfurization of dibenzothiophene over Fe promoted Co <sup>2+</sup> /Mo/Al <sub>2</sub> O <sub>3</sub> and Ni <sup>2+</sup> /Mo/Al <sub>2</sub> O <sub>3</sub> catalysts using hydrogen peroxide and formic acid as oxidants. Chinese Journal of Chemical Engineering, 2018, 26, 593-600.	3.5	71
20	Characteristics and Kinetics of Rosin Pentaerythritol Ester via Oxidation Process under Ultraviolet Irradiation. Molecules, 2018, 23, 2816.	3.8	9
21	Design, synthesis and evaluation of novel sophoridinic imine derivatives containing conjugated planar structure as potent anticancer agents. Bioorganic and Medicinal Chemistry, 2018, 26, 4136-4144.	3.0	15
22	Synthesis, Characterization, X-Ray Crystallography, and Antileishmanial Activities of <i>N</i> -Linked and <i>O</i> -Linked Glycopyranosides. Journal of Chemistry, 2018, 2018, 1-9.	1.9	1
23	Design, synthesis, and biological evaluation of thiomatine derivatives as potential anticancer agents. Medicinal Chemistry Research, 2018, 27, 1941-1955.	2.4	8
24	Novel indolo-sophoridinic scaffold as Topo I inhibitors: Design, synthesis and biological evaluation as anticancer agents. European Journal of Medicinal Chemistry, 2018, 156, 479-492.	5.5	11
25	Design, synthesis, biological evaluation and structure-activity relationship of sophoridine derivatives bearing pyrrole or indole scaffold as potential antitumor agents. European Journal of Medicinal Chemistry, 2018, 157, 665-682.	5.5	24
26	Ultrasonic-assisted reductive extraction of matrine from sophorae tonkinesis and its purification by macroporous resin column chromatography. Separation Science and Technology, 2018, 53, 745-755.	2.5	7
27	Molecular modeling, simulation and docking study of ebola virus glycoprotein. Journal of Molecular Graphics and Modelling, 2017, 72, 266-271.	2.4	21
28	Inclusion Complexes of a New Family of Non-Ionic Amphiphilic Dendrocalix[4]arene and Poorly Water-Soluble Drugs Naproxen and Ibuprofen. Molecules, 2017, 22, 783.	3.8	13
29	Novel $\hat{1}$ , $\hat{2}$ -Unsaturated Sophoridinic Derivatives: Design, Synthesis, Molecular Docking and Anti-Cancer Activities. Molecules, 2017, 22, 1967.	3.8	10
30	Transport of Zn (II) by TDDA-Polypropylene Supported Liquid Membranes and Recovery from Waste Discharge Liquor of Galvanizing Plant of Zn (II). Journal of Chemistry, 2017, 2017, 1-9.	1.9	8
31	Tuning of Activated Carbon for Solvent-Free Oxidation of Cyclohexane. Journal of Chemistry, 2017, 2017, 1-8.	1.9	2
32	Photooxidation of Toluene: Correlation of Noble Metal Loading on Titania and Activation Energy. Journal of Chemistry, 2016, 2016, 1-7.	1.9	2
33	Potent Heterogeneous Catalyst for Low Temperature Selective Oxidation of Cyclohexanol by Molecular Oxygen. Journal of Chemistry, 2016, 2016, 1-6.	1.9	3
34	Cyclen-based Gd <sup>3+</sup> complexes as MRI contrast agents: Relaxivity enhancement and ligand design. Bioorganic and Medicinal Chemistry, 2016, 24, 5663-5684.	3.0	38
35	Synthesis and Pharmacological Properties of 1,3-Bis[(S)Phenylethyl]Imidazolidine-2-Thione. Pharmaceutical Chemistry Journal, 2016, 50, 382-387.	0.8	0
36	KINETIC STUDY OF SELECTIVE GAS-PHASE OXIDATION OF ISOPROPANOL TO ACETONE USING MONOCLINIC ZrO <sub>2</sub> AS A CATALYST. Quimica Nova, 2015, , .	0.3	0

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37	Synthesis and characterization of monoaryl esters of l-tartaric acid and their process for fries rearrangement. Journal of the Iranian Chemical Society, 2015, 12, 1819-1827.	2.2	2
38	Efficient Aerobic Oxidation of Cyclohexane to KA Oil Catalyzed by Pt-Sn supported on MWCNTs. Journal of Chemical Sciences, 2015, 127, 1167-1172.	1.5	10
39	Synthesis and relaxivity measurement of porphyrin-based Magnetic Resonance Imaging (MRI) contrast agents. Journal of Structural Chemistry, 2014, 55, 910-915.	1.0	16
40	Adsorption of methyl orange using self-assembled porous microspheres of poly(o-chloroaniline). Korean Journal of Chemical Engineering, 2014, 31, 2192-2197.	2.7	5
41	Solvent Degradation in CO <sub>2</sub> Capture Process from Power Plant Flue Gas. Theoretical and Experimental Chemistry, 2014, 49, 371-375.	0.8	3
42	Lanthanide(III) chelates as MRI contrast agents: A brief description. Journal of Structural Chemistry, 2013, 54, 223-249.	1.0	15
43	Facile synthesis, characterization and DFT calculations of 2-acetyl pyridine derivatives. Quimica Nova, 0, , .	0.3	2