Farhan A Pasha

List of Publications by Year
in descending order

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43	782	471477 17	552766 26
papers	citations	h-index	g-index

43	43	43	873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparative QSAR study of phenol derivatives with the help of density functional theory. Bioorganic and Medicinal Chemistry, 2005, 13, 6823-6829.	3.0	61
2	DFT-based QSAR study of testosterone and its derivatives. Bioorganic and Medicinal Chemistry, 2004, 12, 171-177.	3.0	60
3	Pharmacophore and docking-based combined in-silico study of KDR inhibitors. Journal of Molecular Graphics and Modelling, 2009, 28, 54-61.	2.4	40
4	Atomic softness-based QSAR study of testosterone. International Journal of Quantum Chemistry, 2005, 103, 237-245.	2.0	39
5	QSAR study of estrogens with the help of PM3-based descriptors. International Journal of Quantum Chemistry, 2005, 104, 87-100.	2.0	39
6	Bipodal Surface Organometallic Complexes with Surface N-Donor Ligands and Application to the Catalytic Cleavage of Câ€“H and Câ€“C Bonds in n-Butane. Journal of the American Chemical Society, 2013, 135, 17943-17951.	13.7	33
7	Structure-Function Relationship of a Plant NCS1 Member â€“ Homology Modeling and Mutagenesis Identified Residues Critical for Substrate Specificity of PLUTO, a Nucleobase Transporter from Arabidopsis. PLoS ONE, 2014, 9, e91343.	2.5	30
8	Quantum chemical QSAR study of flavones and their radical-scavenging activity. Medicinal Chemistry Research, 2007, 16, 408-417.	2.4	27
9	Discovery of New Inhibitors of Resistant Streptococcus pneumoniae Penicillin Binding Protein (PBP) 2x by Structure-Based Virtual Screening. Journal of Medicinal Chemistry, 2009, 52, 5926-5936.	6.4	26
10	Mechanism of n-Butane Hydrogenolysis Promoted by Ta-Hydrides Supported on Silica. ACS Catalysis, 2014, 4, 1868-1874.	11.2	25
11	QSTR Study of Small Organic Molecules AgainstTetrahymena pyriformis. QSAR and Combinatorial Science, 2007, 26, 69-84.	1.4	24
12	Hologram and 3D-quantitative structure toxicity relationship studies of azo dyes. Journal of Molecular Modeling, 2008, 14, 293-302.	1.8	24
13	Semiempirical QSAR study and ligand receptor interaction of estrogens. Molecular Diversity, 2005, 9, 215-220.	3.9	22
14	DFT Based Atomic Softness and Its Application in Site Selectivity. QSAR and Combinatorial Science, 2003, 22, 843-851.	1.4	21
15	A novel role for pigment genes in the stress response in rainbow trout (Oncorhynchus mykiss). Scientific Reports, 2016, 6, 28969.	3.3	19
16	Structureâ€“Activity Relationship To Screen Niâ€“Bisphosphine Complexes for the Oxidative Coupling of CO₂ and Ethylene. Organometallics, 2017, 36, 1107-1112.	2.3	19
17	Research Article: Quantitative Structure Activity Relationship (QSAR) Study of Estrogen Derivatives Based on Descriptors of Energy and Softness. Chemical Biology and Drug Design, 2007, 70, 520-529.	3.2	18
18	In silico QSAR studies of anilinoquinolines as EGFR inhibitors. Journal of Molecular Modeling, 2010, 16, 263-277.	1.8	18

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19	Câ€“H and Câ€“C Activation of n-Butane with Zirconium Hydrides Supported on SBA15 Containing N-Donor Ligands: [(â‰¡SiNHâ€“)(â‰¡SiXâ€“)ZrH2], [(â‰¡SiNHâ€“)(â‰¡SiXâ€“)2ZrH], and [(â‰¡SiNâ•)(â‰¡SiXâ€“)ZrH] (X = â€“NHâ€“, â€“Oâ€“). Organometallics, 2014, 33, 3320-3327.		
20	Molecular Docking and 3D QSAR Studies of Chk2 Inhibitors. Chemical Biology and Drug Design, 2009, 73, 292-300.	3.2	16
21	Pharmacophore Identification and Validation Study of CK2 Inhibitors Using CoMFA/CoMSIA. Chemical Biology and Drug Design, 2009, 74, 148-158.	3.2	16
22	3Dâ€quantitative structure activity analysis and quantum chemical analysis of pyridoâ€diâ€indoles. International Journal of Quantum Chemistry, 2008, 108, 391-400.	2.0	15
23	Mechanism based QSAR studies of N-phenylbenzamides as antimicrobial agents. Environmental Toxicology and Pharmacology, 2008, 26, 128-135.	4.0	15
24	Efficient Hydrogenolysis of Alkanes at Low Temperature and Pressure Using Tantalum Hydride on MCMâ€41, and a Quantum Chemical Study. ChemCatChem, 2012, 4, 363-369.	3.7	15
25	DFT Study on the Impact of the Methylaluminoxane Cocatalyst in Ethylene Oligomerization Using a Titanium-Based Catalyst. Organometallics, 2015, 34, 426-431.	2.3	15
26	DFTâ€based de novo QSAR of Phenoloxidase Inhibitors. Chemical Biology and Drug Design, 2008, 71, 483-493.	3.2	14
27	SOMC grafting of vanadium oxytriisopropoxide (VO(OⁱPr)₃) on dehydroxylated silica; analysis of surface complexes and thermal restructuring mechanism. RSC Advances, 2018, 8, 20801-20808.	3.6	11
28	Elucidation of binding mode and three dimensional quantitative structureâ€“activity relationship studies of a novel series of protein kinase B/Akt inhibitors. Journal of Molecular Modeling, 2009, 15, 183-192.	1.8	10
29	Pharmacophore based 3D-QSAR study of VEGFR-2 inhibitors. Medicinal Chemistry Research, 2009, 18, 127-142.	2.4	10
30	Novel applications of atomic softness and QSAR study of testosterone derivatives. Medicinal Chemistry Research, 2009, 18, 455-466.	2.4	10
31	CO₂ activation through silylimido and silylamido zirconium hydrides supported on N-donor chelating SBA15 surface ligands. Chemical Communications, 2016, 52, 2577-2580.	4.1	10
32	Pharmacophore-based 3D-QSAR of HIF-1 inhibitors. Archives of Pharmacal Research, 2009, 32, 317-323.	6.3	9
33	Structural studies of B-type Aurora kinase inhibitors using computational methods. Acta Pharmacologica Sinica, 2010, 31, 244-258.	6.1	9
34	QM and Pharmacophore based 3D-QSAR of MK886 Analogues against mPGES-1. Bulletin of the Korean Chemical Society, 2008, 29, 647-655.	1.9	8
35	Receptor Guided 3D-QSAR: A Useful Approach for Designing of IGF-1R Inhibitors. Journal of Biomedicine and Biotechnology, 2008, 2008, 1-9.	3.0	7
36	Molecular dynamics and QM/MM-based 3D interaction analyses of cyclin-E inhibitors. Journal of Molecular Modeling, 2013, 19, 879-891.	1.8	7

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37	3D and quantum QSAR of non-benzodiazepine compounds. European Journal of Medicinal Chemistry, 2008, 43, 2361-2372.	5.5	6
38	2D-QSAR of non-benzodiazepines to benzodiazepines receptor (BZR). Medicinal Chemistry Research, 2009, 18, 98-111.	2.4	5
39	In Silico Quantitative Structureâ€“Toxicity Relationship Study of Aromatic Nitro Compounds. Chemical Biology and Drug Design, 2009, 73, 537-544.	3.2	5
40	Revisiting Oâ€“O Bond Formation through Outerâ€Sphere Water Molecules versus Bimolecular Mechanisms in Waterâ€Oxidation Catalysis (WOC) by Cp*Ir Based Complexes. European Journal of Inorganic Chemistry, 2019, 2019, 2093-2100.	2.0	4
41	Docking and Quantum Mechanics-Guided CoMFA Analysis of b-RAF Inhibitors. Bulletin of the Korean Chemical Society, 2008, 29, 1499-1504.	1.9	3
42	The Receptor Guided 3D-QSAR Method is a Powerful Tool to Design More Potent IGF-1R Inhibitors. , 2007, , .		0
43	In silico Ligand-Based (LB) and Docking-Based (DB) 3D-QSAR Study of Potent Chk2 Inhibitors. , 2007, , .		0