Ibrahim Ali Noorbatcha

List of Publications by Year
in descending order

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42 papers	893 citations	471371 17 h-index	454834 30 g-index
42 all docs	42 docs citations	42 times ranked	500 citing authors

#	Article	IF	Citations
1	COMPARATIVE METAGENOMICS ANALYSIS OF PALM OIL MILL EFFLUENT (POME) USING THREE DIFFERENT BIOINFORMATICS PIPELINES. IIUM Engineering Journal, 2019, 20, 1-11.	0.5	3
2	Synthesis of fish gelatin nanoparticles and their application for the drug delivery based on response surface methodology. Advances in Natural Sciences: Nanoscience and Nanotechnology, 2018, 9, 045014.	0.7	12
3	Nano-encapsulation of Proteins and Peptides. Current Nanomaterials, 2018, 2, 76-83.	0.2	2
4	Understanding the significance variables for fabrication of fish gelatin nanoparticles by Plackett-Burman design. IOP Conference Series: Materials Science and Engineering, 2018, 290, 012006.	0.3	3
5	ROLE OF SUBSTRATE BINDING ON THE PROTEIN DYNAMICS OF AN ENDOGLUCANASE FROM FUSARIUM OXYSPORUM AT DIFFERENT TEMPERATURES. IIUM Engineering Journal, 2018, 19, 307-314.	0.5	0
6	Hyaluronidase Inhibitory Activity of Pentacylic Triterpenoids from Prismatomeris tetrandra (Roxb.) K. Schum: Isolation, Synthesis and QSAR Study. International Journal of Molecular Sciences, 2016, 17, 143.	1.8	19
7	Fabrication of Fucoxanthin-Loaded Microsphere(F-LM) By Two Steps Double-Emulsion Solvent Evaporation Method and Characterization of Fucoxanthin before and after Microencapsulation. Journal of Oleo Science, 2016, 65, 641-653.	0.6	29
8	Quantum Chemical Structure Activity Studies of Anticancer Activity of Seconucleoside Nitrosourea Analogs. Chemical Informatics (Wilmington, Del), 2016, 2, .	0.4	0
9	Cancer Recognition From DNA Microarray Gene Expression Data Using Averaged One - Dependence Estimators. International Journal on Cybernetics & Informatics, 2014, 3, 1-10.	0.1	2
10	Cancer Recurrence Prediction Using Machine Learning. International Journal of Computational Science and Information Technology, 2014, 2, 11-20.	0.1	13
11	Gene Expression Mining for Predicting Survivability of Patients in Earlystages of Lung Cancer. International Journal on Bioinformatics & Biosciences, 2014, 4, 1-9.	0.2	5
12	Understanding Thermostability Factors of Aspergillus niger PhyA Phytase: A Molecular Dynamics Study. Protein Journal, 2013, 32, 309-316.	0.7	14
13	Cyclization vs. Cyclization/Dimerization in o-Amidostilbene Radical Cation Cascade Reactions: The Amide Question. Molecules, 2011, 16, 7267-7287.	1.7	4
14	Prediction of anticancer activity of aliphatic nitrosoureas using quantum chemical quantitative structure activity relation (QSAR) methods. African Journal of Biotechnology, 2011, 10, .	0.3	1
15	Molecular Dynamics Studies of Human Î²-Glucuronidase. American Journal of Applied Sciences, 2010, 7, 823-828.	0.1	7
16	Developing CAS models in immunology teaching. , 2009, , .		3
17	A FeCl3-promoted highly atropodiastereoselective cascade reaction: synthetic utility of radical cations in indolostilbene construction. Tetrahedron, 2009, 65, 1504-1516.	1.0	17
18	In silico Approach in Designing Xylanase for Biobleaching Industry. Journal of Applied Sciences, 2009, 9, 3184-3187.	0.1	3

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19	Modification and Characterization of Phytase for Animal Feed Production. Journal of Applied Sciences, 2009, 9, 3080-3085.	0.1	0
20	Regioâ€•and Stereoselective Biomimetic Synthesis of Oligostilbenoid Dimers from Resveratrol Analogues: Influence of the Solvent, Oxidant, and Substitution. Chemistry - A European Journal, 2008, 14, 11376-11384.	1.7	71
21	A tandem highly stereoselective FeCl3-promoted synthesis of a bisindoline: synthetic utility of radical cations in heterocyclic construction. Tetrahedron, 2004, 60, 11733-11742.	1.0	19
22	An Undergraduate Physical Chemistry Experiment on the Analysis of First-Order Kinetic Data. Journal of Chemical Education, 1997, 74, 972.	1.1	12
23	Anomalous Vibrational Excitation in the Small Angle Scattering of He+ from HCl at Elab = 20-60 eV. The Journal of Physical Chemistry, 1995, 99, 15544-15550.	2.9	4
24	Classical trajectory simulations of photodissociation of CH3Br at surfaces. Journal of Chemical Physics, 1992, 96, 7771-7787.	1.2	22
25	Effects of gasâ€phase collisions in rapid desorption of molecules from surfaces in the presence of coadsorbates. Journal of Chemical Physics, 1988, 89, 5251-5263.	1.2	62
26	Anisotropic translational energy distribution due to gas-phase collisions in rapid desorption of molecules from surfaces. Surface Science, 1988, 200, 113-134.	0.8	40
27	Monte Carlo simulations of gasâ€phase collisions in rapid desorption of molecules from surfaces. Journal of Chemical Physics, 1987, 86, 5816-5824.	1.2	125
28	The dynamics of dissociative chemisorption of H2 on a Si(111) surface. Journal of Chemical Physics, 1987, 86, 1608-1615.	1.2	25
29	Effects of gas-phase collisions on particles rapidly desorbed from surfaces. Physical Review B, 1987, 36, 4978-4981.	1.1	54
30	Thermal spike model for heavy ion induced desorption. , 1987, , 81-93.		1
31	Monte Carlo variational transitionâ€state theory study of recombination and desorption of hydrogen on Si(111). Journal of Chemical Physics, 1986, 85, 3081-3089.	1.2	45
32	Dynamics of unimolecular dissociation of silylene. Journal of Chemical Physics, 1986, 84, 4341-4346.	1.2	13
33	Effect of lattice potential upon the surface diffusion of Si on Si(100). Journal of Chemical Physics, 1985, 83, 6009-6011.	1.2	11
34	Monte Carlo random walk study of recombination and desorption of hydrogen on Si(111). Journal of Chemical Physics, 1985, 83, 1382-1391.	1.2	18
35	A phenomenological approach to the calculation of the diffusion coefficient for Si on Si(111) using classical trajectories. Journal of Chemical Physics, 1985, 82, 1543-1550.	1.2	22
36	Cage effect in the dissociation of van der Waals complexes RgI2(Rg=Ar, Kr, Xe): A quasiclassical trajectory study. Journal of Chemical Physics, 1984, 81, 5658-5665.	1.2	42

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37	Classical trajectory study of adsorption and surface diffusion of Si on Si(100). Journal of Chemical Physics, 1984, 81, 3715-3721.	1.2	33
38	Dynamics of a prototype alkali-hydrogen-halide exchange reaction on an ab initio potential-energy surface. Chemical Physics, 1983, 77, 67-91.	0.9	38
39	Vibrational threshold equal to the barrier height for an endothermic reaction: Li+FHâ†'LiF+H on an ab initio potentialâ€energy surface. Journal of Chemical Physics, 1982, 76, 6447-6449.	1.2	28
40	Effect of reagent rotation on the cross section for the reaction lithium + hydrogen fluoride .fwdarw. lithium fluoride + hydrogen. Journal of the American Chemical Society, 1982, 104, 1766-1767.	6.6	35
41	Effect of the initial orientation on the reaction attributes for Li + FH â†' Lif + H on an AB initio surface. Chemical Physics Letters, 1982, 93, 432-435.	1.2	23
42	On the validity of the power gap law for rotational energy transfer in CO2-H2 collisions. Chemical Physics Letters, 1981, 79, 264-268.	1.2	13