

Israel V M V Enoch

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	G-Quadruplex binding of cavity-containing anthraquinonesulfonyl- β -cyclodextrin conjugate. Effect of encapsulation of ethidium bromide and berberine. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 8301-8311.	3.5	10
2	Differential interaction of Fluorescein- β -cyclodextrin conjugate to quadruplex DNA: Inclusion of Berberine and modulation of binding. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, , 1-9.	3.5	0
3	Poly- β -Cyclodextrin-coated neodymium-containing copper sulphide nanoparticles as an effective anticancer drug carrier. <i>Journal of Microencapsulation</i> , 2022, 39, 409-418.	2.8	9
4	Designed poly(ethylene glycol) conjugate-erbium-doped magnetic nanoparticle hybrid carrier: enhanced activity of anticancer drug. <i>Journal of Materials Science</i> , 2021, 56, 3925-3934.	3.7	24
5	β -Cyclodextrin-folate functionalized poly(lactic-co-glycolide) "superparamagnetic ytterbium ferrite hybrid nanocarrier for targeted delivery of camptothecin. <i>Materials Science and Engineering C</i> , 2021, 122, 111796.	7.3	16
6	Molecular encapsulation of berberine and ethidium bromide in anthraquinonecarboxamido- β -cyclodextrin conjugate: supramolecular association with DNA duplex and G-quadruplexes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 542-558.	1.1	1
7	Supramolecular complex binding to G-quadruplex DNA: Berberine encapsulated by a planar side arm "tethered β -cyclodextrin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3305-3313.	3.5	16
8	Molecular encapsulation of berberine by a modified β -cyclodextrin and binding of host: guest complex to G-quadruplex DNA. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2019, 38, 858-873.	1.1	19
9	Folate-molecular encapsulator-tethered biocompatible polymer grafted with magnetic nanoparticles for augmented drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 675-682.	2.8	28
10	Molecular encapsulator "appended poly(vinyl alcohol) shroud on ferrite nanoparticles. Augmented cancer "drug loading and anticancer property. <i>Materials Science and Engineering C</i> , 2018, 93, 125-133.	7.3	30
11	On/Off Fluorescent Chemosensor for Selective Detection of Divalent Iron and Copper Ions: Molecular Logic Operation and Protein Binding. <i>ACS Omega</i> , 2018, 3, 7985-7992.	3.5	64
12	Cyclodextrin "PEG conjugate-wrapped magnetic ferrite nanoparticles for enhanced drug loading and release. <i>Applied Nanoscience (Switzerland)</i> , 2018, 8, 273-284.	3.1	32
13	Interaction of a flavone loaded on surface-modified dextran-spoiled superparamagnetic nanoparticles with β -cyclodextrin and DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1908-1917.	3.5	4
14	Chemico-biological interaction of Etravirine and its β -Cyclodextrin complex with macromolecular targets. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1006-1019.	3.5	5
15	Binding interaction of a fluoranthene "thiol on gold nanoparticles with β -cyclodextrin and DNA. <i>Journal of Experimental Nanoscience</i> , 2017, 12, 62-71.	2.4	3
16	Loading of atorvastatin and linezolid in β -cyclodextrin "conjugated cadmium selenide/silica nanoparticles: A spectroscopic study. <i>Materials Science and Engineering C</i> , 2016, 65, 194-198.	7.3	19
17	β -Cyclodextrin Encapsulates Biochanin A and Influences its Binding to Bovine Serum Albumin: Alteration of the Binding Strength. <i>Journal of Solution Chemistry</i> , 2016, 45, 431-444.	1.2	9
18	Picking Out Logic Operations in a Naphthalene β -Diketone Derivative by Using Molecular Encapsulation, Controlled Protonation, and DNA Binding. <i>ChemistryOpen</i> , 2015, 4, 497-508.	1.9	15

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19	Modulation of the interaction of Coumarin 7 with DNA by β -cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2015, 81, 225-236.	1.6	25
20	Chromenone-conjugated magnetic iron oxide nanoparticles. Toward conveyable DNA binders. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 448-457.	5.0	17
21	Loading of chromenones on superparamagnetic iron oxide-modified dextran core-shell nanoparticles: openness to bind to β -cyclodextrin and DNA. <i>New Journal of Chemistry</i> , 2015, 39, 7879-7888.	2.8	14
22	A Highly Selective Fluorescent Sensor for Pb ²⁺ Based on a Modified β -Cyclodextrin. <i>Journal of Fluorescence</i> , 2015, 25, 1031-1036.	2.5	20
23	Binding Modes of Cabergoline to Bovine Serum Albumin in Free- and β -Cyclodextrin-Encapsulated Forms: Differences in Quenching Behavior and Förster Resonance Energy Transfer. <i>Journal of Solution Chemistry</i> , 2015, 44, 1367-1381.	1.2	9
24	Binding of a chromen-4-one Schiff's base with bovine serum albumin: capping with β -cyclodextrin influences the binding. <i>Journal of Biomolecular Structure and Dynamics</i> , 2015, 33, 1945-1956.	3.5	33
25	Alteration of the Binding Strength of Dronedaronone with Bovine Serum Albumin by β -Cyclodextrin: A Spectroscopic Study. <i>Spectroscopy Letters</i> , 2015, 48, 112-119.	1.0	28
26	Mode of encapsulation of Linezolid by β -Cyclodextrin and its role in bovine serum albumin binding. <i>Carbohydrate Polymers</i> , 2015, 115, 589-597.	10.2	38
27	The Unusual Fluorescence Quenching of Coumarin 314 by β -Cyclodextrin and the Effect of β -Cyclodextrin on its Binding with Calf Thymus DNA. <i>Australian Journal of Chemistry</i> , 2014, 67, 256.	0.9	30
28	The role of encapsulation by β -cyclodextrin in the interaction of raloxifene with macromolecular targets: a study by spectroscopy and molecular modeling. <i>Journal of Biological Physics</i> , 2014, 40, 347-367.	1.5	34
29	Binding of the Host-Guest Complex of 7-Aminoflavone/ β -Cyclodextrin with Calf Thymus DNA: A Spectroscopic and Molecular Docking Study. <i>Journal of Solution Chemistry</i> , 2014, 43, 1132-1146.	1.2	5
30	β -Cyclodextrin Inclusion Complexes of 2-Hydroxyfluorene and 2-Hydroxy-9-fluorenone: Differences in Stoichiometry and Excited State Prototropic Equilibrium. <i>Journal of Solution Chemistry</i> , 2013, 42, 470-484.	1.2	31
31	Isolation of Prunin from the fruit shell of <i>Bixa orellana</i> and the effect of β -cyclodextrin on its binding with calf thymus DNA. <i>Carbohydrate Research</i> , 2013, 365, 46-51.	2.3	30
32	The influence of β -cyclodextrin encapsulation on the binding of 2-hydroxyflavanone with calf thymus DNA. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 98, 405-412.	3.9	28
33	Affinity variation in the interactions of tryptophan- β -cyclodextrin-platinum complex with G-quadruplex and duplex DNAs. <i>Journal of Biomolecular Structure and Dynamics</i> , 0, , 1-10.	3.5	0