

# Israel V M V Enoch

## List of Publications by Year in descending order

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33  
papers

646  
citations

516710

16  
h-index

610901

24  
g-index

33  
all docs

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docs citations

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times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	On/Off Fluorescent Chemosensor for Selective Detection of Divalent Iron and Copper Ions: Molecular Logic Operation and Protein Binding. ACS Omega, 2018, 3, 7985-7992.	3.5	64
2	Mode of encapsulation of Linezolid by Î²-Cyclodextrin and its role in bovine serum albumin binding. Carbohydrate Polymers, 2015, 115, 589-597.	10.2	38
3	The role of encapsulation by Î²-cyclodextrin in the interaction of raloxifene with macromolecular targets: a study by spectroscopy and molecular modeling. Journal of Biological Physics, 2014, 40, 347-367.	1.5	34
4	Binding of a chromen-4-one Schiffâ€™s base with bovine serum albumin: capping with Î²-cyclodextrin influences the binding. Journal of Biomolecular Structure and Dynamics, 2015, 33, 1945-1956.	3.5	33
5	Cyclodextrinâ€™PEG conjugate-wrapped magnetic ferrite nanoparticles for enhanced drug loading and release. Applied Nanoscience (Switzerland), 2018, 8, 273-284.	3.1	32
6	Î²-Cyclodextrin Inclusion Complexes of 2-Hydroxyfluorene and 2-Hydroxy-9-fluorenone: Differences in Stoichiometry and Excited State Prototropic Equilibrium. Journal of Solution Chemistry, 2013, 42, 470-484.	1.2	31
7	Isolation of Prunin from the fruit shell of Bixa orellana and the effect of Î²-cyclodextrin on its binding with calf thymus DNA. Carbohydrate Research, 2013, 365, 46-51.	2.3	30
8	The Unusual Fluorescence Quenching of Coumarin 314 by Î²-Cyclodextrin and the Effect of Î²-Cyclodextrin on its Binding with Calf Thymus DNA. Australian Journal of Chemistry, 2014, 67, 256.	0.9	30
9	Molecular encapsulatorâ€™appended poly(vinyl alcohol) shroud on ferrite nanoparticles. Augmented cancerâ€™drug loading and anticancer property. Materials Science and Engineering C, 2018, 93, 125-133.	7.3	30
10	The influence of Î²-cyclodextrin encapsulation on the binding of 2â€™-hydroxyflavanone with calf thymus DNA. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 405-412.	3.9	28
11	Alteration of the Binding Strength of Dronedarone with Bovine Serum Albumin by Î²-Cyclodextrin: A Spectroscopic Study. Spectroscopy Letters, 2015, 48, 112-119.	1.0	28
12	Folate-molecular encapsulator-tethered biocompatible polymer grafted with magnetic nanoparticles for augmented drug delivery. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 675-682.	2.8	28
13	Modulation of the interaction of Coumarin 7 with DNA by Î²-cyclodextrin. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2015, 81, 225-236.	1.6	25
14	Designed poly(ethylene glycol) conjugate-erbium-doped magnetic nanoparticle hybrid carrier: enhanced activity of anticancer drug. Journal of Materials Science, 2021, 56, 3925-3934.	3.7	24
15	A Highly Selective Fluorescent Sensor for Pb <sup>2+</sup> Based on a Modified Î²-Cyclodextrin. Journal of Fluorescence, 2015, 25, 1031-1036.	2.5	20
16	Loading of atorvastatin and linezolid in Î²-cyclodextrinâ€™conjugated cadmium selenide/silica nanoparticles: A spectroscopic study. Materials Science and Engineering C, 2016, 65, 194-198.	7.3	19
17	Molecular encapsulation of berberine by a modified Î²-cyclodextrin and binding of host: guest complex to G-quadruplex DNA. Nucleosides, Nucleotides and Nucleic Acids, 2019, 38, 858-873.	1.1	19
18	Chromenone-conjugated magnetic iron oxide nanoparticles. Toward conveyable DNA binders. Colloids and Surfaces B: Biointerfaces, 2015, 135, 448-457.	5.0	17

#	ARTICLE	IF	CITATIONS
19	Supramolecular complex binding to G-quadruplex DNA: Berberine encapsulated by a planar side armâ€“tethered $\beta$ -cyclodextrin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2019, 37, 3305-3313.	3.5	16
20	$\beta$ -Cyclodextrin-folate functionalized poly(lactic-co-glycolide)â€“superparamagnetic ytterbium ferrite hybrid nanocarrier for targeted delivery of camptothecin. <i>Materials Science and Engineering C</i> , 2021, 122, 111796.	7.3	16
21	Picking Out Logic Operations in a Naphthalene $\beta$ -Diketone Derivative by Using Molecular Encapsulation, Controlled Protonation, and DNA Binding. <i>ChemistryOpen</i> , 2015, 4, 497-508.	1.9	15
22	Loading of chromenones on superparamagnetic iron oxide-modified dextran coreâ€“shell nanoparticles: openness to bind to $\beta$ -cyclodextrin and DNA. <i>New Journal of Chemistry</i> , 2015, 39, 7879-7888.	2.8	14
23	G-Quadruplex binding of cavity-containing anthraquinonesulfonyl- $\beta$ -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
24	Binding Modes of Cabergoline to Bovine Serum Albumin in Free- and $\beta$ -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
25	$\beta$ -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
26	Poly- $\beta$ -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
27	Binding of the Hostâ€“Guest Complex of 7-Aminoflavone/ $\beta$ -Cyclodextrin with Calf Thymus DNA: A Spectroscopic and Molecular Docking Study. <i>Journal of Solution Chemistry</i> , 2014, 43, 1132-1146.	1.2	5
28	Chemico-biological interaction of Etravirine and its $\beta$ -Cyclodextrin complex with macromolecular targets. <i>Journal of Biomolecular Structure and Dynamics</i> , 2017, 35, 1006-1019.	3.5	5
29	Interaction of a flavone loaded on surface-modified dextran-spoiled superparamagnetic nanoparticles with $\beta$ -cyclodextrin and DNA. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 1908-1917.	3.5	4
30	Binding interaction of a fluorantheneâ€“thiol on gold nanoparticles with $\beta$ -cyclodextrin and DNA. <i>Journal of Experimental Nanoscience</i> , 2017, 12, 62-71.	2.4	3
31	Molecular encapsulation of berberine and ethidium bromide in anthraquinonecarboxamido- $\beta$ -cyclodextrin conjugate: supramolecular association with DNA duplex and G-quadruplexes. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 542-558.	1.1	1
32	Differential interaction of Fluorescein- $\beta$ -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
33	Affinity variation in the interactions of tryptophan- $\beta$ -cyclodextrin-platinum complex with G-quadruplex and duplex DNAs. <i>Journal of Biomolecular Structure and Dynamics</i> , 0, , 1-10.	3.5	0