

Meenakshi Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5224393/publications.pdf>

Version: 2024-02-01

59
papers

871
citations

516561

16
h-index

526166

27
g-index

63
all docs

63
docs citations

63
times ranked

1327
citing authors

#	ARTICLE	IF	CITATIONS
1	EQCM sensor for targeting psychoactive drug via rationally designed molecularly imprinted polymeric nanoparticles (nanoMIPs). <i>Materials Today: Proceedings</i> , 2022, 49, 3345-3356.	0.9	2
2	Zwitterionic polymers in drug delivery: A review. <i>Journal of Molecular Recognition</i> , 2022, 35, e2944.	1.1	29
3	Design of molecularly imprinted sensor for detection of typhoid using immunoinformatics and molecular imprinting. <i>Biosensors and Bioelectronics: X</i> , 2022, 10, 100090.	0.9	4
4	Design of EQCM-MIP sensing matrix for highly specific and sensitive detection of thyroglobulin. <i>Biosensors and Bioelectronics: X</i> , 2022, , 100154.	0.9	2
5	Design of imprinting matrix for dual template sensing via electropolymerized polythiophene films. <i>Journal of Molecular Recognition</i> , 2022, 35, e2962.	1.1	5
6	Syringic acid, a novel thyroid hormone receptor α agonist, ameliorates propylthiouracil-induced thyroid toxicity in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22814.	1.4	9
7	Flexible microtubule anchoring modulates the bi-directional motility of the kinesin-5 Cin8. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6051-6068.	2.4	2
8	Cell-penetrating peptide conjugates of indole-3-acetic acid-based DNA primase/Gyrase inhibitors as potent anti-tubercular agents against planktonic and biofilm culture of <i>Mycobacterium smegmatis</i> . <i>Chemical Biology and Drug Design</i> , 2021, 98, 722-732.	1.5	2
9	A systematic review of carbohydrate-based bioactive molecules for Alzheimer's disease. <i>Future Medicinal Chemistry</i> , 2021, 13, 1695-1711.	1.1	7
10	Development of highly sensitive and selective sensor for ethionamide guided by molecular modelling via electropolymerized molecularly imprinted films. <i>Microchemical Journal</i> , 2020, 152, 104355.	2.3	13
11	Benzothiazole derivative bearing amide moiety induces p53-mediated apoptosis in HPV16 positive cervical cancer cells. <i>Investigational New Drugs</i> , 2020, 38, 934-945.	1.2	6
12	Dual-Acting Small-Molecule Inhibitors Targeting Mycobacterial DNA Replication. <i>Chemistry - A European Journal</i> , 2020, 26, 10849-10860.	1.7	6
13	Epitope imprinting of <i>Mycobacterium leprae</i> bacteria via molecularly imprinted nanoparticles using multiple monomers approach. <i>Biosensors and Bioelectronics</i> , 2019, 145, 111698.	5.3	44
14	Glycoprotein imprinted RGO-starch nanocomposite modified EQCM sensor for sensitive and specific detection of transferrin. <i>Journal of Electroanalytical Chemistry</i> , 2019, 835, 169-177.	1.9	19
15	Highly sensitive and selective estimation of aspartame by chitosan nanoparticles-graphene nanocomposite tailored EQCM-MIP sensor. <i>Polymer Bulletin</i> , 2019, 76, 4431-4449.	1.7	13
16	Epitope imprinting of iron binding protein of <i>Neisseria meningitidis</i> bacteria through multiple monomers imprinting approach. <i>Journal of Molecular Recognition</i> , 2018, 31, e2709.	1.1	19
17	Synthesis and characterization of antipyrine-imprinted polymers and their application for sustained release. <i>Polymer Bulletin</i> , 2018, 75, 5235-5252.	1.7	9
18	Imprinted Graphene-Starch Nanocomposite Matrix-Anchored EQCM Platform for Highly Selective Sensing of Epinephrine. <i>Nano</i> , 2018, 13, 1850131.	0.5	12

#	ARTICLE	IF	CITATIONS
19	Polyzwitterions. , 2018, , 69-101.		5
20	NMR-Fragment Based Virtual Screening: A Brief Overview. <i>Molecules</i> , 2018, 23, 233.	1.7	33
21	DnaG Primaseâ€™A Target for the Development of Novel Antibacterial Agents. <i>Antibiotics</i> , 2018, 7, 72.	1.5	13
22	Type-II NADH Dehydrogenase (NDH-2): a promising therapeutic target for antitubercular and antibacterial drug discovery. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 559-570.	1.5	26
23	Electrochemical and piezoelectric monitoring of taurine via electropolymerized molecularly imprinted films. <i>Journal of Molecular Recognition</i> , 2017, 30, e2652.	1.1	7
24	Antibacterial activity, thermal stability and <i>ab initio</i> study of copolymer containing sulfobetaine and carboxybetaine groups. <i>Materials Research Express</i> , 2017, 4, 105304.	0.8	1
25	Benzothiazole derivatives bearing amide moiety. <i>Anti-Cancer Drugs</i> , 2016, 27, 519-532.	0.7	16
26	Designing L-serine targeted molecularly imprinted polymer <i>via</i> theoretical investigation. <i>Journal of Theoretical and Computational Chemistry</i> , 2016, 15, 1650041.	1.8	7
27	An epitopeâ€™imprinted piezoelectric diagnostic tool for <i>Neisseria meningitidis</i> detection. <i>Journal of Molecular Recognition</i> , 2016, 29, 572-579.	1.1	19
28	Design, synthesis and mode of action of novel 2-(4-aminophenyl)benzothiazole derivatives bearing semicarbazone and thiosemicarbazone moiety as potent antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2016, 25, 263-282.	1.1	21
29	A biopolymeric nano-receptor for sensitive and selective recognition of albendazole. <i>Analytical Methods</i> , 2016, 8, 1026-1033.	1.3	13
30	Design, Synthesis and Mode of Action of Some New 2-(4'-aminophenyl) benzothiazole Derivatives as Potent Antimicrobial Agents. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 429-437.	0.4	11
31	Design and Synthesis of Novel Schiff Base-Benzothiazole Hybrids as Potential Epidermal Growth Factor Receptor (EGFR) Inhibitors. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 722-739.	0.9	11
32	QCM sensing of melphalan via electropolymerized molecularly imprinted polythiophene films. <i>Biosensors and Bioelectronics</i> , 2015, 74, 711-717.	5.3	36
33	Benzothiazoles: How Relevant in Cancer Drug Design Strategy?. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2014, 14, 127-146.	0.9	51
34	Design, synthesis and mode of action of some benzothiazole derivatives bearing an amide moiety as antibacterial agents. <i>RSC Advances</i> , 2014, 4, 19013-19023.	1.7	93
35	Selective recognition of fenbufen by surface-imprinted silica with iniferter technique. <i>Journal of Porous Materials</i> , 2014, 21, 677-684.	1.3	2
36	Biopolymeric receptor for peptide recognition by molecular imprinting approachâ€™Synthesis, characterization and application. <i>Materials Science and Engineering C</i> , 2014, 45, 383-394.	3.8	13

#	ARTICLE	IF	CITATIONS
37	Water-compatible L-aspartame™-imprinted polymer grafted on silica surface for selective recognition in aqueous solution. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 4245-4252.	1.9	28
38	Advances in Synthesis and Applications of Sulfo and Carbo Analogues of Polybetaines: A Review. <i>Reviews in Advanced Sciences and Engineering</i> , 2013, 2, 90-111.	0.6	17
39	CoMFA and CoMSIA 3D QSAR Models for a Series of Some Condensed Thieno[2,3-d]pyrimidin-4(3H)-ones with Antihistaminic (H1) Activity. <i>Medicinal Chemistry</i> , 2013, 9, 389-401.	0.7	2
40	Water-compatible surface imprinting of L-baclofen™ on silica surface for selective recognition and detection in aqueous solution. <i>Analytical Methods</i> , 2012, 4, 3019.	1.3	15
41	QSAR study of a series of 2,3-dihydroimidazo[1,2-c]pyrimidines as antibacterial agents. <i>Medicinal Chemistry Research</i> , 2012, 21, 407-414.	1.1	2
42	Surface Photografting of Novel Sulfo betaine Copolymers on Silica. <i>Materials Sciences and Applications</i> , 2012, 03, 467-477.	0.3	1
43	Synthesis, Characterization and Photoluminescence Study of Novel Sulfo betaine Polyelectrolytes. <i>Journal of Fluorescence</i> , 2011, 21, 289-297.	1.3	2
44	Synthesis and swelling characteristics of responsive carboxybetaine gel. <i>Journal of Applied Polymer Science</i> , 2011, 122, 241-248.	1.3	2
45	Selective Recognition and Detection of L-Aspartic Acid by Molecularly Imprinted Polymer in Aqueous Solution. <i>American Journal of Analytical Chemistry</i> , 2011, 02, 909-918.	0.3	12
46	Synthesis and characterization of zwitterionic organogels based on Schiff base chemistry. <i>Journal of Applied Polymer Science</i> , 2010, 118, 2821-2832.	1.3	17
47	Zwitterionic molecularly imprinted polymer-based solid-phase microextraction coupled with molecularly imprinted polymer sensor for ultratrace sensing of L-histidine. <i>Journal of Separation Science</i> , 2009, 32, 1096-1105.	1.3	11
48	Ultratrace analysis of uracil and 5-fluorouracil by molecularly imprinted polymer brushes grafted to silylated solid-phase microextraction fiber in combination with complementary molecularly imprinted polymer-based sensor. <i>Biomedical Chromatography</i> , 2009, 23, 499-509.	0.8	21
49	Ultratrace Analysis of Dopamine Using a Combination of Imprinted Polymer-Brush-Coated SPME and Imprinted Polymer Sensor Techniques. <i>Chromatographia</i> , 2009, 69, 949-957.	0.7	17
50	Molecularly imprinted polymer-based solid-phase microextraction fiber coupled with molecularly imprinted polymer-based sensor for ultratrace analysis of ascorbic acid. <i>Journal of Chromatography A</i> , 2008, 1198-1199, 59-66.	1.8	92
51	Synthesis and swelling characteristics of zwitterionic hydrogel. <i>E-Polymers</i> , 2008, 8, .	1.3	0
52	Zwitterionic Polyelectrolytes: A Review. <i>E-Polymers</i> , 2007, 7, .	1.3	33
53	Silica gel-immobilized di[N-chloranil piperazinium-bis-sulfosalicylate]: Preparation, characterization and performance for chromatographic separation of metals. <i>Chromatographia</i> , 2002, 56, 717-722.	0.7	1
54	Solvation of certain N-based polycationic electrolytes: viscosity measurements in dimethylformamide and dimethylsulfoxide. <i>Journal of Molecular Liquids</i> , 1999, 81, 147-158.	2.3	0

#	ARTICLE	IF	CITATIONS
55	Electrolytic conductivity of crystal violet based quaternary ammonium polyelectrolytes in N,N-dimethylformamide and dimethyl sulfoxide. Canadian Journal of Chemistry, 1997, 75, 414-422.	0.6	2
56	Electrolytic Conductivity of the N-Chloranil- and N-Xylylene-Based Polyelectrolytes in Dimethylformamide and Dimethyl Sulfoxide. Journal of Chemical & Engineering Data, 1996, 41, 409-413.	1.0	7
57	Non-aqueous solvation behaviour of some nitrogen-containing polycationic electrolytes: 1. Partial molar volumes in propylene carbonate and sulfolane. Polymer, 1996, 37, 281-286.	1.8	2
58	N-Chloranil and N-Xylene Containing Polycations. Preparation and Solvation Characteristics. Polymer Journal, 1995, 27, 49-58.	1.3	4
59	Electrolytic Conductivity of Crystal Violet-Based Quaternary Ammonium Polyelectrolytes in Propylene Carbonate and Sulfolane. Journal of Chemical & Engineering Data, 1995, 40, 79-82.	1.0	1