

Manish P Patel

List of Publications by Year in descending order

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74
papers

1,668
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218677

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345221

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all docs

77
docs citations

77
times ranked

1662
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#	ARTICLE	IF	CITATIONS
1	Green and facile preparation of ultrasonic wave-assisted chitosan-g-poly-(AA/DAMPB)/Fe ₃ O ₄ composite hydrogel for sequestration of reactive black 5 dye. <i>Polymer Bulletin</i> , 2022, 79, 3193-3217.	3.3	6
2	Simultaneous ultrasound- and microwave-assisted one-pot click™ synthesis of 3-formyl-indole clubbed 1,2,3-triazole derivatives and their biological evaluation. <i>Molecular Diversity</i> , 2022, 26, 963-979.	3.9	15
3	Antitubercular, Antimalarial Activity and Molecular Docking Study of New Synthesized 7-Chloroquinoline Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 4717-4725.	2.6	6
4	Selective capture of anionic and cationic dyes via chitosan-g-poly-(IA-co-DADMAC)/Fe ₃ O ₄ polymer composite hydrogel. <i>Polymer Bulletin</i> , 2022, 79, 11079-11101.	3.3	13
5	Anomaly of Pyrano[2,3- <i>c</i>]pyrazole Synthesis towards Pyrazolyl- <i>aryl</i> -methyl- <i>malononitrile</i> Derivatives and Their Antimicrobial Activity. <i>ChemistrySelect</i> , 2022, 7, .	1.5	3
6	Eco-friendly bioadsorbent-based polymer composites as a pH-responsive material for selective removal of anionic and azo dyes from aqueous solutions. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 97-110.	2.2	9
7	A mild and selective Cu(II) salts-catalyzed reduction of nitro, azo, azoxy, <i>N</i> -aryl hydroxylamine, nitroso, acid halide, ester, and azide compounds using hydrogen surrogacy of sodium borohydride. <i>Synthetic Communications</i> , 2021, 51, 3565-3589.	2.1	1
8	Microwave assisted one-pot synthetic route to imidazo[1,2- <i>a</i>]pyrimidine derivatives of imidazo/triazole clubbed pyrazole and their pharmacological screening. <i>New Journal of Chemistry</i> , 2018, 42, 12666-12676.	2.8	34
9	Microwave-assisted, solvent-free, one-pot, three-component synthesis of fused pyran derivatives containing benzothiazole nucleus catalyzed by pyrrolidine-acetic acid and their biological evaluation. <i>Monatshfte für Chemie</i> , 2017, 148, 1057-1067.	1.8	2
10	Library design, synthesis and biological exploration of novel 3,4-bis(benzyloxy)styryl derivatives as potent antimicrobial, antitubercular and antimalarial agents. <i>Medicinal Chemistry Research</i> , 2017, 26, 881-899.	2.4	6
11	An efficient synthesis of 4 H -pyrano quinolinone derivatives catalysed by a versatile organocatalyst tetra- <i>n</i> -butylammonium fluoride and their pharmacological screening. <i>Royal Society Open Science</i> , 2017, 4, 170764.	2.4	16
12	Antimicrobial and antioxidant evaluation of new quinolone based aurone analogs. <i>Arabian Journal of Chemistry</i> , 2017, 10, S3781-S3791.	4.9	26
13	Removal of some most hazardous cationic dyes using novel poly (NIPAAm/AA/N-allylisatin) nanohydrogel. <i>Arabian Journal of Chemistry</i> , 2016, 9, 430-442.	4.9	52
14	Synthesis and evaluation of new chromene based [1,8]naphthyridines derivatives as potential antimicrobial agents. <i>RSC Advances</i> , 2016, 6, 74726-74733.	3.6	12
15	Superabsorbent amphoteric nanohydrogels: Synthesis, characterization and dyes adsorption studies. <i>Chinese Chemical Letters</i> , 2016, 27, 471-474.	9.0	15
16	A novel approach for the synthesis of hydrogel nanoparticles and a removal study of reactive dyes from industrial effluent. <i>RSC Advances</i> , 2016, 6, 21577-21589.	3.6	8
17	PS-TBD triggered general protocol for the synthesis of 4 H -chromene, pyrano[4,3- <i>b</i>]pyran and pyrano[3,2- <i>c</i>]chromene derivatives of 1 H -pyrazole and their biological activities. <i>Chinese Chemical Letters</i> , 2016, 27, 168-172.	9.0	33
18	Removal of heavy metal ions from aqueous solution by superabsorbent poly (NIPAAm/DAPB/AA) amphoteric nanohydrogel. <i>Desalination and Water Treatment</i> , 2016, 57, 13733-13746.	1.0	14

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19	Design and synthesis of new (bis)trifluoromethyl-promoted N-aryl biquinoline derivatives as antitubercular and antimicrobial agents. <i>Medicinal Chemistry Research</i> , 2015, 24, 563-575.	2.4	6
20	Novel 1,3,4-oxadiazole motifs bearing a quinoline nucleus: synthesis, characterization and biological evaluation of their antimicrobial, antitubercular, antimalarial and cytotoxic activities. <i>New Journal of Chemistry</i> , 2015, 39, 9848-9857.	2.8	37
21	Regioselective one-pot three-component synthesis of quinoline based 1,2,4-triazolo[1,5-a]quinoline derivatives. <i>RSC Advances</i> , 2015, 5, 76943-76948.	3.6	13
22	Synthesis of new superabsorbent poly (NIPAAm/AA/N-allylisatin) nanohydrogel for effective removal of As(V) and Cd(II) toxic metal ions. <i>Chinese Chemical Letters</i> , 2014, 25, 601-604.	9.0	16
23	Facile construction of densely functionalized thiopyrano[2,3-b]quinolines via three-component reactions catalyzed by l-proline. <i>RSC Advances</i> , 2014, 4, 28798.	3.6	13
24	Synthesis of N-arylquinolone derivatives bearing 2-thiophenoxyquinolines and their antimicrobial evaluation. <i>Chinese Chemical Letters</i> , 2014, 25, 1073-1076.	9.0	6
25	Synthesis of 2-amino-4H-chromene derivatives under microwave irradiation and their antimicrobial activity. <i>Journal of Chemical Sciences</i> , 2013, 125, 525-530.	1.5	49
26	Microwave-assisted synthesis of novel 4H-chromene derivatives bearing 2-aryloxyquinoline and their antimicrobial activity assessment. <i>Medicinal Chemistry Research</i> , 2013, 22, 3831-3842.	2.4	11
27	Microwave-induced CAN promoted atom-economic synthesis of 1H-benzo[b]xanthene and 4H-benzo[g]chromene derivatives of N-allyl quinolone and their antimicrobial activity. <i>Medicinal Chemistry Research</i> , 2013, 22, 2954-2963.	2.4	14
28	A new fast swelling poly[DAPB-co-DMAAm-co-AASS] superabsorbent hydrogel for removal of anionic dyes from water. <i>Chinese Chemical Letters</i> , 2013, 24, 1005-1007.	9.0	21
29	An efficient synthesis of 3- ϵ -indolyl substituted pyrido[1,2-a]benzimidazoles as potential antimicrobial and antioxidant agents. <i>Journal of Chemical Sciences</i> , 2013, 125, 993-1001.	1.5	17
30	New N-arylamino biquinoline derivatives: microwave-assisted synthesis and their antimicrobial activities. <i>Medicinal Chemistry Research</i> , 2013, 22, 312-322.	2.4	1
31	Microwave-assisted CAN-catalyzed solvent-free synthesis of N-allyl quinolone-based pyrano[4,3-b]chromene and benzopyrano[3,2-c]chromene derivatives and their antimicrobial activity. <i>Medicinal Chemistry Research</i> , 2013, 22, 905-915.	2.4	28
32	Microwave-assisted synthesis of pyrido[1,2-a]benzimidazole derivatives of 1 ² -aryloxyquinoline and their antimicrobial and antituberculosis activities. <i>Medicinal Chemistry Research</i> , 2013, 22, 3035-3047.	2.4	29
33	One step synthesis of pyrido[1,2-a]benzimidazole derivatives of aryloxy pyrazole and their antimicrobial evaluation. <i>Chinese Chemical Letters</i> , 2013, 24, 123-126.	9.0	33
34	Synthesis and in vitro antimicrobial evaluation of novel 2-amino-6-(phenylthio)-4-(2-(phenylthio)quinolin-3-yl)pyridine-3,5-dicarbonitriles. <i>Medicinal Chemistry Research</i> , 2013, 22, 2912-2920.	2.4	11
35	Synthesis and identification of 1 ² -aryloxyquinoline based diversely fluorine substituted N-aryl quinolone derivatives as a new class of antimicrobial, antituberculosis and antioxidant agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 675-684.	5.5	38
36	Design and synthesis of biquinolone-isoniazid hybrids as a new class of antitubercular and antimicrobial agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 65, 348-359.	5.5	40

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37	Adsorption of azo dyes from water by new poly (3-acrylamidopropyl)-trimethylammonium chloride-co-N,N-dimethylacrylamide superabsorbent hydrogel. Equilibrium and kinetic studies. Journal of Environmental Chemical Engineering, 2013, 1, 1368-1374.	6.7	28
38	Novel Cationic Poly[AAm/NVP/DAPB] Hydrogels for Removal of Some Textile Anionic Dyes from Aqueous Solution. Journal of Macromolecular Science - Pure and Applied Chemistry, 2012, 49, 490-501.	2.2	20
39	Synthesis, Characterization, and <i>In Vitro</i> Microbial Evaluation of Some New 4H-Chromene and Quinoline Derivatives of 1H-Pyrazole. Journal of Heterocyclic Chemistry, 2012, 49, 1169-1178.	2.6	14
40	An Efficient and Facile Synthesis of 1H-Pyrazolo[1,2-a]phthalazine-5,10-dione Derivatives of Biological Interest. Journal of Heterocyclic Chemistry, 2012, 49, 1310-1316.	2.6	21
41	Molecular iodine catalyzed synthesis of tetrazolo[1,5-a]-quinoline based imidazoles as a new class of antimicrobial and antituberculosis agents. Chinese Chemical Letters, 2012, 23, 1367-1370.	9.0	35
42	Microwave-assisted synthesis of 3-indolyl substituted 4H-chromenes catalyzed by DMAP and their antimicrobial activity. Medicinal Chemistry Research, 2012, 21, 3406-3416.	2.4	54
43	New N-arylamino biquinoline derivatives: Synthesis, antimicrobial, antituberculosis, and antimalarial evaluation. European Journal of Medicinal Chemistry, 2012, 54, 239-247.	5.5	30
44	Synthesis and Antimicrobial Evaluation of New Pyrano[4,3-b]pyran and Pyrano[3,2-c]chromene Derivatives Bearing a 2-thiophenoxyquinoline Nucleus. Archiv Der Pharmazie, 2012, 345, 314-322.	4.1	63
45	Synthesis and in vitro antimicrobial evaluation of penta-substituted pyridine derivatives bearing the quinoline nucleus. Medicinal Chemistry Research, 2012, 21, 616-623.	2.4	29
46	Zn(OTf) ₂ -catalyzed three component, one-pot cyclocondensation reaction of some new octahydroquinazolinone derivatives and access their bio-potential. Medicinal Chemistry Research, 2012, 21, 1188-1198.	2.4	17
47	Synthesis, characterization and biological activity of some new carbostyryl bearing 1H-pyrazole moiety. Medicinal Chemistry Research, 2012, 21, 1751-1761.	2.4	22
48	Synthesis of a novel class of some biquinoline pyridine hybrids via one-pot, three-component reaction and their antimicrobial activity. Journal of Chemical Sciences, 2012, 124, 669-677.	1.5	14
49	Synthesis and in vitro antimicrobial screening of new pyrano[4,3-b]pyrane derivatives of 1H-pyrazole. Chinese Chemical Letters, 2012, 23, 57-60.	9.0	35
50	An efficient synthesis of 3-quinolinyl substituted imidazole-5-one derivatives catalyzed by zeolite and their antimicrobial activity. Chinese Chemical Letters, 2012, 23, 273-276.	9.0	14
51	Synthesis and in vitro antimicrobial activity of N-arylquinoline derivatives bearing 2-morpholinoquinoline moiety. Chinese Chemical Letters, 2012, 23, 427-430.	9.0	25
52	Super Absorbent Hydrogel Based on Poly[acrylamide/maleic acid/2-methacryloxy ethyl trimethylammonium chloride]: Synthesis, Characterization and their Application in the Removal of Chromium (VI) from Aqueous Solution. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 339-347.	2.2	15
53	Synthesis, characterization, and antimicrobial evaluation of carbostyryl derivatives of 1H-pyrazole. Saudi Pharmaceutical Journal, 2011, 19, 75-83.	2.7	28
54	Synthesis and identification of 2-aryloxyquinolines and their pyrano[3,2-c]chromene derivatives as a new class of antimicrobial and antituberculosis agents. European Journal of Medicinal Chemistry, 2011, 46, 4192-4200.	5.5	124

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55	Microwave assisted synthesis and antimicrobial evaluation of new fused pyran derivatives bearing 2-morpholinoquinoline nucleus. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6166-6169.	2.2	43
56	Microwave assisted synthesis of novel Hantzsch 1,4-dihydropyridines, acridine-1,8-diones and polyhydroquinolines bearing the tetrazolo[1,5-a]quinoline moiety and their antimicrobial activity assess. <i>Chinese Chemical Letters</i> , 2011, 22, 1407-1410.	9.0	52
57	Microwave-assisted synthesis of some new tetrazolo[1,5-a]quinoline-based benzimidazoles catalyzed by p-TsOH and investigation of their antimicrobial activity. <i>Medicinal Chemistry Research</i> , 2011, 20, 782-789.	2.4	41
58	Nickel and copper removal study from aqueous solution using new cationic poly[acrylamide/ <i>N,N</i> -DAMB/ <i>N,N</i> -DAPB] super absorbent hydrogel. <i>Journal of Applied Polymer Science</i> , 2011, 119, 2485-2493.	2.6	21
59	Synthesis and Antimicrobial Activity of Some New Substituted Quinoline Derivatives of 1 <i>H</i> -pyrazole. <i>Archiv Der Pharmazie</i> , 2011, 344, 91-101.	4.1	26
60	Synthesis and in vitro antimicrobial evaluation of 4 <i>H</i> -pyrazolopyran, -benzopyran and naphthopyran derivatives of 1 <i>H</i> -pyrazole. <i>Arkivoc</i> , 2010, 2009, 363-380.	0.5	15
61	A Convenient One-Pot Synthesis of Some New 3-(2-Phenyl-6-(2-thienyl)-4-pyridyl)hydroquinolin-2-ones Under Microwave Irradiation and Their Antimicrobial Activities. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2010, 185, 658-662.	1.6	17
62	Synthesis, Characterization, and Biological Activity of Substituted Thiazole-5-carboxaldehydes and Their Ylidenenitriles Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2720-2732.	1.6	15
63	One-Pot, Multicomponent Condensation Reaction in Neutral Conditions: Synthesis, Characterization, and Biological Studies of Fused Thiazolo[2,3- <i>b</i>]quinazolinone Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2009, 184, 2704-2719.	1.6	28
64	A New Cationic Poly[1-vinyl-3-ethyl imidazolium iodide], P(Vel) Hydrogel for the Effective Removal of Chromium (VI) from Aqueous Solution. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 447-454.	2.2	19
65	An efficient three component one-pot synthesis of some new octahydroquinazolinone derivatives and investigation of their antimicrobial activities. <i>Arkivoc</i> , 2009, 2009, 292-302.	0.5	41
66	Copper and Nickel Removal from Aqueous Solutions Using New Chelating Poly[Acrylamide/ <i>N</i> -vinyl pyrrolidone/2-(2-hydroxyethyl carbamoyl)acrylic acid] Hydrogels. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007, 44, 769-777.	2.2	15
67	Removal of anionic dyes from aqueous solution using poly [N-vinyl pyrrolidone/2-(methacryloyloxyethyl) trimethyl ammonium chloride] superswelling hydrogels. <i>Polymer Bulletin</i> , 2007, 58, 359-369.	3.3	30
68	Swelling and dye adsorption study of novel superswelling [Acrylamide/ <i>N</i> -vinylpyrrolidone/3(2-hydroxyethyl carbamoyl) acrylic acid] hydrogels. <i>Polymer Bulletin</i> , 2006, 57, 21-31.	3.3	39
69	Synthesis and curing kinetics of colored epoxy resin containing azo moiety. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2003, 52, 211-218.	3.4	4
70	Glass Fiber Reinforced Composites of Coloured Epoxy Resin Cured with Different Amines. <i>Polymers and Polymer Composites</i> , 2002, 10, 441-446.	1.9	3
71	Studies on the curing kinetics and thermal stability of the novel tetrafunctional epoxy resin, <i>N,N,N,N</i> -tetrakis(2,3-epoxypropyl)-4,4'-bis(1,4-phenylenedioxy)dianiline. <i>Angewandte Makromolekulare Chemie</i> , 1999, 266, 46-49.	0.2	7
72	Studies on the curing kinetics and thermal stability of the novel tetrafunctional epoxy resin <i>N,N,N,N</i> -tetrakis(2,3-epoxypropyl)-4,4'-bis(1,4-phenylenedioxy)dianiline. <i>Angewandte Makromolekulare Chemie</i> , 1999, 266, 46-49.	0.2	1

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73	Studies of novel water-soluble colored polyesters containing azo moiety. Journal of Applied Polymer Science, 1998, 68, 2041-2048.	2.6	7
74	Synthesis and Characterization of Thermotropic Liquid Crystalline Copolyester. International Journal of Polymeric Materials and Polymeric Biomaterials, 1998, 42, 209-217.	3.4	2