

Naresh Kumar

List of Publications by Year in descending order

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270
papers

8,440
citations

66315

42
h-index

64755

79
g-index

308
all docs

308
docs citations

308
times ranked

9947
citing authors

#	ARTICLE	IF	CITATIONS
1	Attenuation of <i>Pseudomonas aeruginosa</i> virulence by quorum sensing inhibitors. <i>EMBO Journal</i> , 2003, 22, 3803-3815.	3.5	1,205
2	Quorum-sensing cross talk: isolation and chemical characterization of cyclic dipeptides from <i>Pseudomonas aeruginosa</i> and other Gram-negative bacteria. <i>Molecular Microbiology</i> , 2002, 33, 1254-1266.	1.2	516
3	A novel and sensitive method for the quantification of N-3-oxoacyl homoserine lactones using gas chromatography-mass spectrometry: application to a model bacterial biofilm. <i>Environmental Microbiology</i> , 2000, 2, 530-541.	1.8	295
4	A New Era of Antibiotics: The Clinical Potential of Antimicrobial Peptides. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7047.	1.8	235
5	Design, Synthesis, and Characterization of Novel Iron Chelators: Structure-Activity Relationships of the 2-Benzoylpyridine Thiosemicarbazone Series and Their 3-Nitrobenzoyl Analogues as Potent Antitumor Agents. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 3716-3729.	2.9	206
6	Lead-selective membrane electrodes based on dithiophenediazacrown ether derivatives. <i>Electroanalysis</i> , 1997, 9, 549-553.	1.5	176
7	Recent developments of fluorescent probes for the detection of gasotransmitters (NO, CO and H ₂ S). <i>Coordination Chemistry Reviews</i> , 2013, 257, 2335-2347.	9.5	176
8	Antimicrobial peptide melimine coating for titanium and its <i>in vivo</i> antibacterial activity in rodent subcutaneous infection models. <i>Biomaterials</i> , 2016, 85, 142-151.	5.7	161
9	Co-delivery of nitric oxide and antibiotic using polymeric nanoparticles. <i>Chemical Science</i> , 2016, 7, 1016-1027.	3.7	158
10	Phenazine virulence factor binding to extracellular DNA is important for <i>Pseudomonas aeruginosa</i> biofilm formation. <i>Scientific Reports</i> , 2015, 5, 8398.	1.6	152
11	Rational Design of Single-Chain Polymeric Nanoparticles That Kill Planktonic and Biofilm Bacteria. <i>ACS Infectious Diseases</i> , 2017, 3, 237-248.	1.8	134
12	Impact of <i>Pseudomonas aeruginosa</i> quorum sensing on biofilm persistence in an <i>in vivo</i> intraperitoneal foreign-body infection model. <i>Microbiology (United Kingdom)</i> , 2007, 153, 2312-2320.	0.7	124
13	Nanoparticle (Star Polymer) Delivery of Nitric Oxide Effectively Negates <i>Pseudomonas aeruginosa</i> Biofilm Formation. <i>Biomacromolecules</i> , 2014, 15, 2583-2589.	2.6	113
14	<i>In Vivo</i> Performance of Melimine as an Antimicrobial Coating for Contact Lenses in Models of CLARE and CLPU. , 2010, 51, 390.		109
15	Pyocyanin Facilitates Extracellular DNA Binding to <i>Pseudomonas aeruginosa</i> Influencing Cell Surface Properties and Aggregation. <i>PLoS ONE</i> , 2013, 8, e58299.	1.1	102
16	Reinvestigation of the sulfuric acid-catalysed cyclisation of brominated 2-alkyllevulinic acids to 3-alkyl-5-methylene-2(5H)-furanones. <i>Tetrahedron</i> , 1997, 53, 15813-15826.	1.0	97
17	Isolation and Structure Elucidation of a Novel Yellow Pigment from the Marine Bacterium <i>Pseudoalteromonas tunicata</i> . <i>Molecules</i> , 2005, 10, 1286-1291.	1.7	95
18	Broad Spectrum Antimicrobial Activity of Melimine Covalently Bound to Contact Lenses. , 2013, 54, 175.		83

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19	Nitric Oxide-Loaded Antimicrobial Polymer for the Synergistic Eradication of Bacterial Biofilm. ACS Macro Letters, 2018, 7, 592-597.	2.3	82
20	SPORE RELEASE IN ACROCHAETIUM SP. (RHODOPHYTA) IS BACTERIALLY CONTROLLED. Journal of Phycology, 2007, 43, 235-241.	1.0	73
21	Antibiofilm Nitric Oxide-Releasing Polydopamine Coatings. ACS Applied Materials & Interfaces, 2019, 11, 7320-7329.	4.0	71
22	Fimbricide-Coated Antimicrobial Lenses: Their In Vitro and In Vivo Effects. Optometry and Vision Science, 2008, 85, 292-300.	0.6	69
23	Functional gold nanoparticles for the storage and controlled release of nitric oxide: applications in biofilm dispersal and intracellular delivery. Journal of Materials Chemistry B, 2014, 2, 5003-5011.	2.9	66
24	Antimicrobial activity of four cationic peptides immobilised to poly-hydroxyethylmethacrylate. Biofouling, 2016, 32, 429-438.	0.8	64
25	Synthesis, characterization and in vitro activity of a surface-attached antimicrobial cationic peptide. Biofouling, 2009, 25, 517-524.	0.8	59
26	Synthesis, Characterization and Anti-Cancer Activity of Hydrazone Derivatives Incorporating a Quinoline Moiety. Molecules, 2016, 21, 916.	1.7	59
27	Analysis of Stress Distribution in Lumbar Interbody Fusion. Spine, 2005, 30, 1731-1735.	1.0	58
28	Inhibitors of Bacterial Transcription Initiation Complex Formation. ACS Chemical Biology, 2013, 8, 1972-1980.	1.6	54
29	Substitution, oxidation and addition reactions at C-7 of activated indoles. Tetrahedron, 1994, 50, 10497-10508.	1.0	53
30	Fabrication and Characterization of a Hydroquinone-Functionalized Polypyrrole Thin-Film pH Sensor. Chemistry of Materials, 1996, 8, 2579-2585.	3.2	53
31	Characterization of chemoselective surface attachment of the cationic peptide melimine and its effects on antimicrobial activity. Acta Biomaterialia, 2012, 8, 4371-4379.	4.1	52
32	Plasma activated coatings with dual action against fungi and bacteria. Applied Materials Today, 2018, 12, 72-84.	2.3	52
33	Serratia Secondary Metabolite Prodigiosin Inhibits Pseudomonas aeruginosa Biofilm Development by Producing Reactive Oxygen Species that Damage Biological Molecules. Frontiers in Microbiology, 2016, 7, 972.	1.5	51
34	Calix[3]indoles, new macrocyclic tris(indolylmethylene) compounds with 2,7-linkages. Journal of the Chemical Society Chemical Communications, 1993, , 819.	2.0	50
35	Antimicrobial and Cytotoxic Activities of Synthetically Derived Tambjamins C and E (18591), and a Related Alkaloid from the Marine Bacterium <i>Pseudoalteromonas tunicata</i> . Chemistry and Biodiversity, 2010, 7, 1311-1324.	1.0	50
36	Indole-based novel small molecules for the modulation of bacterial signalling pathways. Organic and Biomolecular Chemistry, 2015, 13, 925-937.	1.5	50

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37	Melimine-Coated Antimicrobial Contact Lenses Reduce Microbial Keratitis in an Animal Model. , 2016, 57, 5616.		50
38	Acid catalyzed stereoselective rearrangement and dimerization of flavenes: synthesis of dependensin. Tetrahedron, 2007, 63, 5227-5235.	1.0	47
39	Design, Synthesis, and Evaluation of Fimbricideâ€“Nitric Oxide Donor Hybrids as Antimicrobial Agents. Journal of Medicinal Chemistry, 2013, 56, 9517-9529.	2.9	47
40	Poly(ethylene glycol)-Based Coatings Combining Low-Biofouling and Quorum-Sensing Inhibiting Properties to Reduce Bacterial Colonization. ACS Biomaterials Science and Engineering, 2017, 3, 78-87.	2.6	47
41	Development of Silicone Hydrogel Antimicrobial Contact Lenses with Mel4 Peptide Coating. Optometry and Vision Science, 2018, 95, 937-946.	0.6	47
42	Mechanism of Action of Surface Immobilized Antimicrobial Peptides Against Pseudomonas aeruginosa. Frontiers in Microbiology, 2019, 10, 3053.	1.5	47
43	Short Cationic Peptidomimetic Antimicrobials. Antibiotics, 2019, 8, 44.	1.5	46
44	Biofilm dispersal using nitric oxide loaded nanoparticles fabricated by photo-PISA: influence of morphology. Chemical Communications, 2017, 53, 12894-12897.	2.2	45
45	Calix[4]indoles: New Macrocyclic Tetra(indolylmethylene) Compounds with 2,7-Linkages. Tetrahedron Letters, 1995, 36, 8075-8078.	0.7	43
46	Dextran-Catechin: An anticancer chemically-modified natural compound targeting copper that attenuates neuroblastoma growth. Oncotarget, 2016, 7, 47479-47493.	0.8	40
47	Novel Mechanism of Cytotoxicity for the Selective Selenosemicarbazone, 2-Acetylpyridine 4,4-Dimethyl-3-selenosemicarbazone (Ap44mSe): Lysosomal Membrane Permeabilization. Journal of Medicinal Chemistry, 2016, 59, 294-312.	2.9	39
48	Exploiting the Versatility of Polydopamineâ€“Coated Nanoparticles to Deliver Nitric Oxide and Combat Bacterial Biofilm. Macromolecular Rapid Communications, 2018, 39, e1800159.	2.0	39
49	A direct synthesis of pyrrolophenanthridone alkaloids. Tetrahedron Letters, 1989, 30, 5807-5808.	0.7	38
50	Palladium-catalysed intramolecular cyclisation of 7-halo-N-allyl-indoles. Tetrahedron, 1992, 48, 7601-7608.	1.0	37
51	An efficient lactamization of fimbrilides to novel 1,5-dihydropyrrol-2-ones. Tetrahedron Letters, 2007, 48, 2287-2290.	0.7	37
52	Quorum sensing inhibitory activities of surface immobilized antibacterial dihydropyrrolones via click chemistry. Biomaterials, 2014, 35, 2336-2345.	5.7	37
53	Synthesis and antimalarial evaluation of novel benzopyrano[4,3-b]benzopyran derivatives. Bioorganic and Medicinal Chemistry, 2011, 19, 5199-5206.	1.4	36
54	Synthesis and biological evaluation of substituted 2-benzoylpyridine thiosemicarbazones: Novel structureâ€“activity relationships underpinning their anti-proliferative and chelation efficacy. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 967-974.	1.0	35

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55	Synthesis and biological activity of novel bis-indole inhibitors of bacterial transcription initiation complex formation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2882-2894.	1.5	34
56	Synthesis of pyrrolophenanthridones by aryl-aryl coupling reactions. <i>Tetrahedron</i> , 1993, 49, 151-164.	1.0	32
57	Synthesis of biindolyls by the reaction of indoles with indolin-2-ones and phosphoryl chloride or trifluoromethanesulfonic anhydride. <i>Tetrahedron</i> , 1996, 52, 4697-4708.	1.0	30
58	Synthesis of Pyrroloquinolines as Indole Analogues of Flavonols. <i>Journal of Organic Chemistry</i> , 2002, 67, 2464-2473.	1.7	30
59	Synthesis and biological activity of novel mono-indole and mono-benzofuran inhibitors of bacterial transcription initiation complex formation. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 1763-1775.	1.4	30
60	Comparative analysis of novel decynium-22 analogs to inhibit transport by the low-affinity, high-capacity monoamine transporters, organic cation transporters 2 and 3, and plasma membrane monoamine transporter. <i>European Journal of Pharmacology</i> , 2019, 842, 351-364.	1.7	30
61	Synthesis of 4,7-indoloquinones from indole-7-carbaldehydes by Dakin oxidation. <i>Tetrahedron</i> , 2008, 64, 7136-7142.	1.0	29
62	Design and synthesis of short amphiphilic cationic peptidomimetics based on biphenyl backbone as antibacterial agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1702-1722.	2.6	29
63	An efficient synthesis of 9H-pyrrolo[1,2-a]indoles. <i>Tetrahedron Letters</i> , 2009, 50, 574-576.	0.7	28
64	Synthesis and biological evaluation of N-naphthoyl-phenylglyoxamide-based small molecular antimicrobial peptide mimics as novel antimicrobial agents and biofilm inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3623-3637.	1.5	28
65	Acid-catalysed reaction of activated indoles with methyl ketones. <i>Tetrahedron Letters</i> , 1991, 32, 1587-1590.	0.7	27
66	Synthesis of anti-bacterial peptidomimetics derived from N-acylisatins. <i>Tetrahedron Letters</i> , 2008, 49, 2965-2968.	0.7	27
67	Synthesis and antiplasmodial evaluation of novel chromeno[2,3-b]chromene derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1527-1534.	1.4	27
68	Synthesis and biological evaluation of 2-benzoylpyridine thiosemicarbazones in a dimeric system: Structure-activity relationship studies on their anti-proliferative and iron chelation efficacy. <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 43-54.	1.5	27
69	Design, synthesis and evaluation of N-aryl-glyoxamide derivatives as structurally novel bacterial quorum sensing inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 680-693.	1.5	27
70	Dihydropyrrolones as bacterial quorum sensing inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1054-1059.	1.0	27
71	Synthesis of 2-(7-Indolyl)-benzimidazoles via 7-Formylindoles. <i>Synthesis</i> , 1986, 1986, 474-476.	1.2	26
72	Synthesis, biological evaluation and structure-activity relationship studies of isoflavene based Mannich bases with potent anti-cancer activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5377-5383.	1.0	26

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73	Dextran-Catechin inhibits angiogenesis by disrupting copper homeostasis in endothelial cells. <i>Scientific Reports</i> , 2017, 7, 7638.	1.6	26
74	Synthesis and photodynamic activities of integrin-targeting silicon(IV) phthalocyanine-cRGD conjugates. <i>European Journal of Medicinal Chemistry</i> , 2018, 155, 24-33.	2.6	26
75	Anthranilamide-based Short Peptides Self-Assembled Hydrogels as Antibacterial Agents. <i>Scientific Reports</i> , 2020, 10, 770.	1.6	26
76	Cervical foraminal selective nerve root block: a "two-needle technique"™ with results. <i>European Spine Journal</i> , 2008, 17, 576-584.	1.0	25
77	Synthesis of a new class of indole-containing macrocycles. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 425.	2.0	24
78	Synthesis and crystal structure of a calix[3]indole with cone conformation: A new molecular receptor. <i>Tetrahedron Letters</i> , 1996, 37, 241-244.	0.7	24
79	Preparation, characterization and in vitro biological evaluation of (1:2) phenoxodiol- β -cyclodextrin complex. <i>Carbohydrate Polymers</i> , 2017, 165, 444-454.	5.1	24
80	Lipid Membrane Interactions of the Cationic Antimicrobial Peptide Chimeras Melimine and Cys-Melimine. <i>Langmuir</i> , 2018, 34, 11586-11592.	1.6	24
81	New reactivity patterns in activated indoles with 2-methyl substituents. <i>Tetrahedron</i> , 2005, 61, 10490-10500.	1.0	23
82	Characterisation and in vitro activities of surface attached dihydropyrrol-2-ones against Gram-negative and Gram-positive bacteria. <i>Biofouling</i> , 2010, 26, 913-921.	0.8	23
83	Synthesis, quorum sensing inhibition and docking studies of 1,5-dihydropyrrol-2-ones. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 7366-7377.	1.4	23
84	Facile solvent-free fabrication of nitric oxide (NO)-releasing coatings for prevention of biofilm formation. <i>Chemical Communications</i> , 2017, 53, 6488-6491.	2.2	23
85	Structure-activity studies of 4-phenyl-substituted 2-benzoylpyridine thiosemicarbazones with potent and selective anti-tumour activity. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 6414.	1.5	22
86	Synthesis and biological evaluation of 2,5-di(7-indolyl)-1,3,4-oxadiazoles, and 2- and 7-indolyl 2-(1,3,4-thiadiazolyl)ketones as antimicrobials. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1672-1679.	1.4	22
87	Guanidine functionalized anthranilamides as effective antibacterials with biofilm disruption activity. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5871-5888.	1.5	22
88	Vitamin B ₁₂ on Graphene for Highly Efficient CO ₂ Electroreduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 41288-41293.	4.0	22
89	Antimicrobial activity of immobilized lactoferrin and lactoferricin. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2612-2617.	1.6	22
90	Lead(II)-Selective Membrane Electrodes Based on 4,7,13,16-Tetrathenoyl-1,10-dioxo-4,7,13,16-tetraazacyclooctadecane. <i>Electroanalysis</i> , 1998, 10, 827-831.	1.5	21

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91	A versatile synthetic route to 11H-indolo[3,2-c]isoquinolines. <i>Tetrahedron Letters</i> , 2009, 50, 5628-5630.	0.7	21
92	Synthesis of novel isoflavene- α -propranolol hybrids as anti-tumor agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1652-1660.	1.4	21
93	The Mosaic of Rottlerin. <i>Journal of Organic Chemistry</i> , 2015, 80, 10668-10674.	1.7	21
94	Reaction of some 4,6-dimethoxyindoles with oxalyl chloride. <i>Tetrahedron</i> , 1996, 52, 8925-8936.	1.0	20
95	Regioselective reactivity of some 5,7-dimethoxyindoles. <i>Tetrahedron</i> , 2005, 61, 4989-5004.	1.0	20
96	Synthesis of indolocyctotrivenatrylenes. <i>Tetrahedron</i> , 2009, 65, 5977-5983.	1.0	20
97	Amphipathic guanidine-embedded glyoxamide-based peptidomimetics as novel antibacterial agents and biofilm disruptors. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 2033-2051.	1.5	20
98	Design and Synthesis of Lactams Derived from Mucochloric and Mucobromic Acids as <i>Pseudomonas aeruginosa</i> Quorum Sensing Inhibitors. <i>Molecules</i> , 2018, 23, 1106.	1.7	20
99	Nickel(II) complexes of imine ligands derived from 7-formylindoles. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 1172.	2.0	19
100	Synthesis of indolo[3,2-b]carbazoles from 4,6-dimethoxyindole and aryl aldehydes 1. <i>Tetrahedron</i> , 1995, 51, 11801-11808.	1.0	19
101	Reactivity of 3-substituted indolin-2-ones in vilsmeier-type reactions of 4,6-dimethoxyindoles. <i>Tetrahedron</i> , 1996, 52, 7003-7012.	1.0	19
102	Synthesis of pyrrolo[3,2,1-hi]indazoles from indole-7-ketoximes. <i>Tetrahedron</i> , 2006, 62, 6343-6348.	1.0	18
103	Hybrids of acylated homoserine lactone and nitric oxide donors as inhibitors of quorum sensing and virulence factors in <i>Pseudomonas aeruginosa</i> . <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9850-9861.	1.5	18
104	Synthesis and biological evaluation of novel acyclic and cyclic glyoxamide based derivatives as bacterial quorum sensing and biofilm inhibitors. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5743-5755.	1.5	18
105	Association of interleukin-2, -4 and -10 with dengue severity. <i>Indian Journal of Pathology and Microbiology</i> , 2017, 60, 66-69.	0.1	18
106	Preparation of activated benzofurans and their reactions with aldehydes. <i>Tetrahedron</i> , 1999, 55, 4803-4814.	1.0	17
107	An efficient synthesis of brominated 4-alkyl-2(5H)-furanones. <i>Tetrahedron Letters</i> , 2009, 50, 4613-4615.	0.7	17
108	Design, synthesis and biological evaluation of 1,2,3-triazole based 2-aminobenzimidazoles as novel inhibitors of LasR dependent quorum sensing in <i>Pseudomonas aeruginosa</i> . <i>RSC Advances</i> , 2019, 9, 29273-29292.	1.7	17

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109	Synthesis of 7-indolyl-imines by the reaction of 4,6-dimethoxyindoles with secondary amides and phosphoryl chloride. <i>Tetrahedron</i> , 1996, 52, 4687-4696.	1.0	16
110	Scoliosis in Cystic Fibrosis. <i>Spine</i> , 2004, 29, 1990-1995.	1.0	16
111	Immobilization of Antibacterial Dihydropyrrol-2-ones on Functional Polymer Supports To Prevent Bacterial Infections <i>In Vivo</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 1138-1141.	1.4	16
112	A new cytotoxic quinolone alkaloid and a pentacyclic steroidal glycoside from the stem bark of <i>Crataeva nurvala</i> : Study of anti-proliferative and apoptosis inducing property. <i>European Journal of Medicinal Chemistry</i> , 2013, 60, 490-496.	2.6	16
113	Synthesis and anticancer evaluation of 3-substituted quinolin-4-ones and 2,3-dihydroquinolin-4-ones. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 105-115.	1.4	16
114	A new calix[4]arene based molecular probe for selective and sensitive detection of CN ⁻ ions in aqueous media. <i>New Journal of Chemistry</i> , 2014, 38, 2763-2765.	1.4	16
115	Glyoxylamide-based self-assembly hydrogels for sustained ciprofloxacin delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6089-6098.	2.9	16
116	Synthesis of macrocyclic nickel(II) complexes containing the 2,2'-bi-indolyl moiety. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, .	2.0	15
117	PYRROLOQUINOLINES. <i>Organic Preparations and Procedures International</i> , 1991, 23, 67-92.	0.6	15
118	The nitration of some 4,6-dimethoxyindoles. <i>Tetrahedron</i> , 2004, 60, 10779-10786.	1.0	15
119	Synthesis of indolo[2,3-c]quinolines from 3-arylindole-2-ketoximes. <i>Tetrahedron</i> , 2007, 63, 6713-6719.	1.0	15
120	N-Acetylglucosamine Inhibits LuxR, LasR and CviR Based Quorum Sensing Regulated Gene Expression Levels. <i>Frontiers in Microbiology</i> , 2016, 7, 1313.	1.5	15
121	Evaluation of BODE index and its relationship with systemic inflammation mediated by proinflammatory biomarkers in patients with COPD. <i>Journal of Inflammation Research</i> , 2016, Volume 9, 187-198.	1.6	15
122	Thioether-linked dihydropyrrol-2-one analogues as PqsR antagonists against antibiotic resistant <i>Pseudomonas aeruginosa</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2021, 31, 115967.	1.4	15
123	The role of nitric oxide in ocular surface physiology and pathophysiology. <i>Ocular Surface</i> , 2021, 21, 37-51.	2.2	15
124	Acid-catalysed reactions of activated benzofuranylmethanols: formation of calixbenzofurans. <i>Tetrahedron</i> , 2002, 58, 5125-5134.	1.0	14
125	Synthesis of novel 7-substituted 5,6-dihydroindol-2-ones via a Suzuki-Miyaura cross-coupling strategy. <i>Tetrahedron Letters</i> , 2007, 48, 9008-9011.	0.7	14
126	Facile ring-opening of N-acylisatins for the development of novel peptidomimetics. <i>Tetrahedron</i> , 2011, 67, 7603-7610.	1.0	14

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127	From indole to pyrrole, furan, thiophene and pyridine: Search for novel small molecule inhibitors of bacterial transcription initiation complex formation. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 1171-1182.	1.4	14
128	Synthesis of brominated novel N -heterocycles: new scaffolds for antimicrobial discovery. <i>Tetrahedron</i> , 2016, 72, 539-546.	1.0	14
129	Synthesis of antimicrobial glucosamides as bacterial quorum sensing mechanism inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1183-1194.	1.4	14
130	Controlling the distance between hydrogen-bonded chloro-s-triazine tapes: crystal engineering using N-alkyl chains and the influence of temperature. <i>CrystEngComm</i> , 2017, 19, 4749-4758.	1.3	14
131	Dual-Action Biomaterial Surfaces with Quorum Sensing Inhibitor and Nitric Oxide To Reduce Bacterial Colonization. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 4174-4182.	2.6	14
132	Orthogonal Syntheses of β^3 -Carbolinone and Spiro[pyrrolidinone-3,3 β^2]indole Derivatives in One Pot through Reaction Telescoping. <i>Journal of Organic Chemistry</i> , 2021, 86, 5234-5244.	1.7	14
133	Unusual cycloaddition of some 1-acyl indoles to an o-quinone monoimide. <i>Tetrahedron Letters</i> , 1987, 28, 6691-6694.	0.7	13
134	Formation of 7,7 β^2 -Bi-indolyls by oxidative dimerization of 4,6-dimethoxy-2,3-diphenylindole. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 111-112.	2.0	13
135	Synthesis of tethered indoles in the search for conformationally controlled calixindoles: an indole 3-substituent tether. <i>Tetrahedron</i> , 2001, 57, 2203-2211.	1.0	13
136	Effective synthetic routes to activated pyrrolo[3,2,1-hi]indoles. <i>Tetrahedron</i> , 2008, 64, 11603-11610.	1.0	13
137	An efficient synthesis of novel tetrahydrochromeno[2,3-b]chromenes. <i>Tetrahedron Letters</i> , 2010, 51, 3636-3638.	0.7	13
138	Bromination of 4,6-dimethoxyindoles. <i>Tetrahedron</i> , 2012, 68, 8163-8171.	1.0	13
139	A novel combination therapy targeting ubiquitin-specific protease 5 in MYCN-driven neuroblastoma. <i>Oncogene</i> , 2021, 40, 2367-2381.	2.6	13
140	Effect of Antimicrobial Contact Lenses on Corneal Infiltrative Events: A Randomized Clinical Trial. <i>Translational Vision Science and Technology</i> , 2021, 10, 32.	1.1	13
141	Inclusion of nitriles inside and outside the molecular bowls of tetrabromo calix[4]arene hosts. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2007, 59, 17-24.	1.6	12
142	A Metallocyclic Calixarene Wheel and Axle Inclusion Compound. <i>Crystal Growth and Design</i> , 2009, 9, 1334-1338.	1.4	12
143	Synthesis of Some New Biheterocycles by a One-Pot Suzuki-Miyaura Coupling Reaction. <i>Heterocycles</i> , 2010, 80, 1267.	0.4	12
144	Ring closing metathesis strategies towards functionalised 1,7-annulated 4,6-dimethoxyindoles. <i>Tetrahedron</i> , 2011, 67, 4093-4102.	1.0	12

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145	Synthesis of symmetrical and unsymmetrical diindolylmethanes via acid-catalysed electrophilic substitution reactions. <i>Tetrahedron</i> , 2014, 70, 7363-7369.	1.0	12
146	Design, Synthesis and Biological Evaluation of <i>N</i> -Sulfonylphenyl glyoxamide-Based Antimicrobial Peptide Mimics as Novel Antimicrobial Agents. <i>ChemistrySelect</i> , 2017, 2, 3452-3461.	0.7	12
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