

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	Transition Towards Antibiotic Hybrid Vehicles: The Next Generation Antibacterials. <i>Current Medicinal Chemistry</i> , 2023, 30, 104-125.	1.2	4
2	Highly potent anti-malarial activity of benzopyrano(4,3-b)benzopyran derivatives and <i>in silico</i> interaction analysis with putative target <i>Plasmodium falciparum</i> lactate dehydrogenase. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 5159-5174.	2.0	4
3	Inhibitors of bacterial RNA polymerase transcription complex. <i>Bioorganic Chemistry</i> , 2022, 118, 105481.	2.0	3
4	Synthesis of Alkyne-Substituted Dihydropyrrolones as Bacterial Quorum-Sensing Inhibitors of <i>Pseudomonas aeruginosa</i> . <i>Antibiotics</i> , 2022, 11, 151.	1.5	3
5	Halogenated Dihydropyrrol-2-One Molecules Inhibit Pyocyanin Biosynthesis by Blocking the <i>Pseudomonas</i> Quinolone Signaling System. <i>Molecules</i> , 2022, 27, 1169.	1.7	8
6	Bioinspired Polydopamine Coatings Facilitate Attachment of Antimicrobial Peptidomimetics with Broad-Spectrum Antibacterial Activity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2952.	1.8	7
7	Effect of Supplementation of Vitamin C and Thiamine on the Outcome in Sepsis: South East Asian Region.. <i>Journal of the Association of Physicians of India</i> , The, 2022, 70, 11-12.	0.0	0
8	Cholic Acid-Based Antimicrobial Peptide Mimics as Antibacterial Agents. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4623.	1.8	6
9	Efficient Reductive Defluorination of Branched PFOS by Metal-Porphyrin Complexes. <i>Environmental Science & Technology</i> , 2022, 56, 7830-7839.	4.6	6
10	Preparation and evaluation of alpha-cellulose sulfate based new heterogeneous catalyst for production of biodiesel. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49658.	1.3	7
11	A new synthesis of some 2,4-biindolyls. <i>Arkivoc</i> , 2021, 2020, 20-32.	0.3	1
12	Comparative reactivity of 5,7-dimethoxyindoles with aldehydes and ketones. <i>Arkivoc</i> , 2021, 2020, 117-144.	0.3	0
13	Removal of per- and polyfluoroalkyl substances (PFAS) from water by ceric(IV) ammonium nitrate. <i>RSC Advances</i> , 2021, 11, 17642-17645.	1.7	2
14	Synthesis of Some Macrocyclic Diimines from Mono-, Di-, Tri-, and Tetra-Indolyl Dialdehydes. <i>Heterocycles</i> , 2021, 102, 686.	0.4	0
15	Massive hemoptysis causing mortality in a post COVID-19 infected Asian male patient: Presenting as pulmonary mucormycosis, pulmonary tuberculosis and later sino-nasal mucormycosis. <i>Respiratory Medicine Case Reports</i> , 2021, 34, 101511.	0.2	8
16	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
17	Orthogonal Syntheses of ¹³ C-Carbolinone and Spiro[pyrrolidinone-3,3]indole Derivatives in One Pot through Reaction Telescoping. <i>Journal of Organic Chemistry</i> , 2021, 86, 5234-5244.	1.7	14
18	Novel Seleno- and Thio-Urea Containing Dihydropyrrol-2-One Analogues as Antibacterial Agents. <i>Antibiotics</i> , 2021, 10, 321.	1.5	12

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19	A novel combination therapy targeting ubiquitin-specific protease 5 in MYCN-driven neuroblastoma. <i>Oncogene</i> , 2021, 40, 2367-2381.	2.6	13
20	Natural Product Rottlerin Derivatives Targeting Quorum Sensing. <i>Molecules</i> , 2021, 26, 3745.	1.7	2
21	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
22	Polyphenylglyoxamide-Based Amphiphilic Small Molecular Peptidomimetics as Antibacterial Agents with Anti-Biofilm Activity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7344.	1.8	6
23	The role of nitric oxide in ocular surface physiology and pathophysiology. <i>Ocular Surface</i> , 2021, 21, 37-51.	2.2	15
24	Synthesis and Characterisation of Novel Tricyclic and Tetracyclic Furoindoles: Biological Evaluation as SAHA Enhancer against Neuroblastoma and Breast Cancer Cells. <i>Molecules</i> , 2021, 26, 5745.	1.7	1
25	Synthesis of Some (Triindolyl)dimethanes and (Tetraindolyl)trimethanes. <i>Heterocycles</i> , 2021, 102, 274.	0.4	1
26	Fluorinated quorum sensing inhibitors: enhancement of potency through conformational control. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9629-9636.	1.5	1
27	Lactate enhanced-quick Sequential Organ Failure Assessment 2 (LqSOFA2): A new score for bedside prognostication of patients with sepsis. <i>Indian Journal of Medical Research</i> , 2021, 154, 607.	0.4	4
28	Phenotypic screen for oxygen consumption rate identifies an anti-cancer naphthoquinone that induces mitochondrial oxidative stress. <i>Redox Biology</i> , 2020, 28, 101374.	3.9	9
29	<i>C</i>-Arylcalix[4]pyrogallolarene Sulfonic Acid: A Novel and Efficient Organocatalyst Material for Biodiesel Production. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 252-259.	2.0	10
30	A facile synthesis of meta- and para-terphenylglyoxamide-based peptidomimetics. <i>Tetrahedron Letters</i> , 2020, 61, 152560.	0.7	2
31	A New Era of Antibiotics: The Clinical Potential of Antimicrobial Peptides. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7047.	1.8	235
32	Design, Synthesis and Biological Evaluation of Novel Anthraniloyl-AMP Mimics as PQS Biosynthesis Inhibitors Against <i>Pseudomonas aeruginosa</i> Resistance. <i>Molecules</i> , 2020, 25, 3103.	1.7	7
33	Interaction of the surface bound antimicrobial peptides melimine and Mel4 with <i>Staphylococcus aureus</i> . <i>Biofouling</i> , 2020, 36, 1-12.	0.8	8
34	Synthetic Bilayers on Mica from Self-Assembly of Hydrogen-Bonded Triazines. <i>Langmuir</i> , 2020, 36, 13301-13311.	1.6	1
35	Design, Synthesis and Biological Evaluation of Biphenylglyoxamide-Based Small Molecular Antimicrobial Peptide Mimics as Antibacterial Agents. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6789.	1.8	10
36	Vitamin B ₁₂ on Graphene for Highly Efficient CO ₂ Electroreduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 41288-41293.	4.0	22

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37	Synthesis, Characterization and Biological Evaluation of Novel Dihydropyranoindoles Improving the Anticancer Effects of HDAC Inhibitors. <i>Molecules</i> , 2020, 25, 1377.	1.7	3
38	Unusual rearrangements in activated indoles: Synthesis of indoloquinolines, dibenzonaphthyridines and indolobenzodiazepines. <i>Tetrahedron</i> , 2020, 76, 131375.	1.0	4
39	Anthranilamide-based Short Peptides Self-Assembled Hydrogels as Antibacterial Agents. <i>Scientific Reports</i> , 2020, 10, 770.	1.6	26
40	Synthesis of 3-indolylimines from 3-acetamido-2-phenylindole. <i>Tetrahedron</i> , 2020, 76, 131224.	1.0	0
41	Brunner's gland hamartoma presenting as large duodenal polyp. <i>Indian Journal of Pathology and Microbiology</i> , 2020, 63, 334.	0.1	0
42	Adrenomedullin and Its Possible Role in Improved Survival in Female Patients with Sepsis: A Study in the South East Asian Region. <i>Indian Journal of Critical Care Medicine</i> , 2020, 24, 1180-1184.	0.3	1
43	Synthesis of Dextran-Phenoxodiol and Evaluation of Its Physical Stability and Biological Activity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 183.	2.0	8
44	The Role of Orientation of Surface Bound Dihydropyrrol-2-ones (DHP) on Biological Activity. <i>Molecules</i> , 2019, 24, 2676.	1.7	5
45	Effect of Statin Supplementation on Pulmonary Function and Inflammatory Markers in Patients of Chronic Obstructive Pulmonary Disease. <i>Current Respiratory Medicine Reviews</i> , 2019, 15, 45-50.	0.1	0
46	A General Synthesis of Benzoazepinoindoles – A New Class of Heterocycles. <i>Synlett</i> , 2019, 30, 2081-2085.	1.0	0
47	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
48	Quantifying alkyl chain disorder in crystalline models of lipid bilayers using Raman spectroscopy. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 63-73.	1.2	6
49	Antibiofilm Nitric Oxide-Releasing Polydopamine Coatings. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7320-7329.	4.0	71
50	Substituent effects in solid-state assembly of activated benzotriazoles. <i>CrystEngComm</i> , 2019, 21, 835-842.	1.3	4
51	The Mosaic of Rottlerin: The Sequel. <i>Journal of Natural Products</i> , 2019, 82, 1190-1199.	1.5	3
52	Short Cationic Peptidomimetic Antimicrobials. <i>Antibiotics</i> , 2019, 8, 44.	1.5	46
53	Dihydropyrrolones as bacterial quorum sensing inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 1054-1059.	1.0	27
54	Synthesis of a Variety of Activated Pyrrolo[3,2,1-ij]quinolines. <i>Synthesis</i> , 2019, 51, 1989-1994.	1.2	2

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55	A General Synthesis of 7-Phenyl-7,13-dihydro-8H-benzo[6,7]azepino[3,2-c]quinolin-8-ones. <i>Synlett</i> , 2019, 30, 567-572.	1.0	7
56	Synthesis of Bis-Glyoxylamide Peptidomimetics Derived from Bis-N-acetylisatins Linked at C5 by a Methylene or Oxygen Bridge. <i>Molecules</i> , 2019, 24, 4343.	1.7	2
57	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
58	Mechanism of Action of Surface Immobilized Antimicrobial Peptides Against <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 3053.	1.5	47
59	Copper-mediated Chan-Evans-Lam N-arylation of 5-methylene-4-aryl-1,5-dihydro-2H-pyrrol-2-one derivatives. <i>Tetrahedron Letters</i> , 2018, 59, 811-814.	0.7	5
60	Nitric Oxide-Loaded Antimicrobial Polymer for the Synergistic Eradication of Bacterial Biofilm. <i>ACS Macro Letters</i> , 2018, 7, 592-597.	2.3	82
61	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
62	Unusual formation of novel highly substituted N-(3-indolyl)-imidazoles. <i>Tetrahedron</i> , 2018, 74, 7438-7441.	1.0	2
63	Development of Silicone Hydrogel Antimicrobial Contact Lenses with Mel4 Peptide Coating. <i>Optometry and Vision Science</i> , 2018, 95, 937-946.	0.6	47
64	Synthesis of dipyrrolo[2,3-a:1'â€²,2'â€²,3'â€²-fg]acridin-12(1H)-ones. <i>Tetrahedron Letters</i> , 2018, 59, 4483-4486.	0.7	4
65	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
66	Glyoxylamide-based self-assembly hydrogels for sustained ciprofloxacin delivery. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6089-6098.	2.9	16
67	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
68	Exploiting the Versatility of Polydopamine-Coated Nanoparticles to Deliver Nitric Oxide and Combat Bacterial Biofilm. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1800159.	2.0	39
69	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
70	Sulfur-Assisted Deprotection of Methylene Nitrile Group: One-Pot Synthesis of 4-Substituted 1,2,3-triazoles. <i>ChemistrySelect</i> , 2018, 3, 7565-7571.	0.7	5
71	Guanidine functionalized anthranilamides as effective antibacterials with biofilm disruption activity. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5871-5888.	1.5	22
72	Lipid Membrane Interactions of the Cationic Antimicrobial Peptide Chimeras Melimine and Cys-Melimine. <i>Langmuir</i> , 2018, 34, 11586-11592.	1.6	24

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73	Design, Synthesis and Biological Evaluation of Triazole-Containing 2-Phenylindole and Salicylic Acid as Quorum Sensing Inhibitors Against <i>Pseudomonas aeruginosa</i> . <i>ChemistrySelect</i> , 2018, 3, 9170-9180.	0.7	12
74	Alkyne-Substituted Fimbroliide Analogues as Novel Bacterial Quorum-Sensing Inhibitors. <i>Australian Journal of Chemistry</i> , 2018, 71, 708.	0.5	11
75	Plasma activated coatings with dual action against fungi and bacteria. <i>Applied Materials Today</i> , 2018, 12, 72-84.	2.3	52
76	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
77	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
78	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
79	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
80	Poly(ethylene glycol)-Based Coatings Combining Low-Biofouling and Quorum-Sensing Inhibiting Properties to Reduce Bacterial Colonization. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 78-87.	2.6	47
81	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
82	Evaluation of the antidepressant therapeutic potential of isocyanine and pseudoisocyanine analogues of the organic cation decynium-22. <i>European Journal of Medicinal Chemistry</i> , 2017, 137, 476-487.	2.6	11
83	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
84	Synthesis of isoflavene-thiosemicarbazone hybrids and evaluation of their anti-tumor activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2454-2458.	1.0	7
85	Synthesis of antimicrobial glucosamides as bacterial quorum sensing mechanism inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1183-1194.	1.4	14
86	Small molecule inhibitors of bacterial transcription complex formation. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4302-4308.	1.0	12
87	Methanal Extrusion in ipso-Substitution Reactions of Hydroxymethylindoles. <i>Australian Journal of Chemistry</i> , 2017, 70, 1188.	0.5	5
88	Dextran-Catechin inhibits angiogenesis by disrupting copper homeostasis in endothelial cells. <i>Scientific Reports</i> , 2017, 7, 7638.	1.6	26
89	Synthesis of Imine and Amine-Linked Macrocycles Containing Tris-Indoles. <i>Australian Journal of Chemistry</i> , 2017, 70, 1196.	0.5	7
90	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

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91	Efficient Access to Chromeno[4,3-b]quinolines Related to Dependensin. <i>Synlett</i> , 2017, 28, 1979-1983.	1.0	1
92	Biofilm dispersal using nitric oxide loaded nanoparticles fabricated by photo-PISA: influence of morphology. <i>Chemical Communications</i> , 2017, 53, 12894-12897.	2.2	45
93	Design, synthesis, and characterisation of glyoxylamide-based short peptides as self-assembled gels. <i>New Journal of Chemistry</i> , 2017, 41, 13462-13471.	1.4	9
94	N-acetyl glyoxylic amide bearing a nitrophenyl group as anion receptors: NMR and X-ray investigations on anion binding and selectivity. <i>Journal of Molecular Structure</i> , 2017, 1146, 571-576.	1.8	1
95	Crosslinked Platform Coatings Incorporating Bioactive Signals for the Control of Biointerfacial Interactions. <i>Macromolecular Bioscience</i> , 2017, 17, 1600315.	2.1	11
96	Nitric Oxide Donors as Antimicrobial Agents. , 2017, , 169-189.		8
97	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
98	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
99	Surface Immobilization of Antibacterial Quorum Sensing Inhibitors by Photochemical Activation. <i>Journal of Biotechnology & Biomaterials</i> , 2016, 6, .	0.3	9
100	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
101	Melimine-Coated Antimicrobial Contact Lenses Reduce Microbial Keratitis in an Animal Model. , 2016, 57, 5616.		50
102	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
103	Serratia Secondary Metabolite Prodigiosin Inhibits Pseudomonas aeruginosa Biofilm Development by Producing Reactive Oxygen Species that Damage Biological Molecules. <i>Frontiers in Microbiology</i> , 2016, 7, 972.	1.5	51
104	Synthesis, Characterization and Anti-Cancer Activity of Hydrazone Derivatives Incorporating a Quinoline Moiety. <i>Molecules</i> , 2016, 21, 916.	1.7	59
105	A general and efficient synthesis of 5,6-dihydrodibenzo[b,h][1,6]naphthyridine derivatives. <i>Tetrahedron Letters</i> , 2016, 57, 5442-5445.	0.7	6
106	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
107	Synthesis of brominated novel N -heterocycles: new scaffolds for antimicrobial discovery. <i>Tetrahedron</i> , 2016, 72, 539-546.	1.0	14
108	Novel Mechanism of Cytotoxicity for the Selective Selenosemicarbazone, 2-Acetylpyridine 4,4-Dimethyl-3-selenosemicarbazone (Ap44mSe): Lysosomal Membrane Permeabilization. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 294-312.	2.9	39

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109	Antimicrobial activity of four cationic peptides immobilised to poly-hydroxyethylmethacrylate. <i>Biofouling</i> , 2016, 32, 429-438.	0.8	64
110	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
111	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
112	Co-delivery of nitric oxide and antibiotic using polymeric nanoparticles. <i>Chemical Science</i> , 2016, 7, 1016-1027.	3.7	158
113	Synthesis and reactions of new 2-hydroxymethyl-dimethoxyindoles. <i>Tetrahedron</i> , 2016, 72, 234-239.	1.0	3
114	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
115	Dextran-Catechin: An anticancer chemically-modified natural compound targeting copper that attenuates neuroblastoma growth. <i>Oncotarget</i> , 2016, 7, 47479-47493.	0.8	40
116	A novel compound which sensitizes BRAF wild-type melanoma cells to vemurafenib in a TRIM16-dependent manner. <i>Oncotarget</i> , 2016, 7, 52166-52178.	0.8	9
117	Effect of Dietary Supplementation on Body Composition, Pulmonary Function and Health-Related Quality of Life in Patients with Stable COPD. <i>Tanaffos</i> , 2016, 15, 225-235.	0.5	6
118	Anaplastic Thyroid Carcinoma (ATC) with Superior Vena Cava (SVC) Syndrome, Cardiac Tamponade and Pleural Effusion: An Unusual Clinical Presentation. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2015, 9, XD01-XD02.	0.8	1
119	Ritter reactions of isoflavanols: a facile route to 4-amidoisoflavans. <i>Tetrahedron Letters</i> , 2015, 56, 1941-1943.	0.7	5
120	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
121	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
122	Bromination of 2,7-bi-indolyis and quinazolin-7-ones. <i>Tetrahedron</i> , 2015, 71, 8925-8942.	1.0	0
123	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
124	The Mosaic of Rottlerin. <i>Journal of Organic Chemistry</i> , 2015, 80, 10668-10674.	1.7	21
125	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
126	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

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127	Indole-based novel small molecules for the modulation of bacterial signalling pathways. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 925-937.	1.5	50
128	Development of Fimbrilides, Halogenated Furanones and their Derivatives as Antimicrobial Agents. , 2015, , 149-170.		1
129	Synthesis, Structures, and Conformations of Linked Bis-Glyoxylamides Derived from Bis-Acylisatins. <i>Australian Journal of Chemistry</i> , 2014, 67, 1270.	0.5	6
130	Some electrophilic reactivity studies of di-(2-indolyl)dibenzofurans and di-(2-indolyl)carbazoles. <i>Tetrahedron</i> , 2014, 70, 9601-9614.	1.0	11
131	Quorum sensing inhibitory activities of surface immobilized antibacterial dihydropyrrones via click chemistry. <i>Biomaterials</i> , 2014, 35, 2336-2345.	5.7	37
132	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
133	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
134	New lower rim looped calix[4]arene for ratiometric and chromogenic recognition of Cu ²⁺ . <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2014, 80, 201-207.	0.9	6
135	A new calix[4]arene based molecular probe for selective and sensitive detection of CN ³⁻ ions in aqueous media. <i>New Journal of Chemistry</i> , 2014, 38, 2763-2765.	1.4	16
136	Chiron based synthesis of isocoumarins: reactivity of $\hat{1}\pm$ -substituted carboxylic acids. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 736-743.	1.8	11
137	Functional gold nanoparticles for the storage and controlled release of nitric oxide: applications in biofilm dispersal and intracellular delivery. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5003-5011.	2.9	66
138	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
139	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
140	Synthesis, anti-cancer and anti-inflammatory activity of novel 2-substituted isoflavones. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 5182-5193.	1.4	5
141	Synthesis of symmetrical and unsymmetrical diindolylmethanes via acid-catalysed electrophilic substitution reactions. <i>Tetrahedron</i> , 2014, 70, 7363-7369.	1.0	12
142	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
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