Sudhir Raghavan

List of Publications by Year
in descending order

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Version: 2024-02-01

24	545	567281 15	677142 22
papers	citations	h-index	g-index

26	26	26	675
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis and Discovery of Water-Soluble Microtubule Targeting Agents that Bind to the Colchicine Site on Tubulin and Circumvent Pgp Mediated Resistance. Journal of Medicinal Chemistry, 2010, 53, 8116-8128.	6.4	61
2	Single Agents with Designed Combination Chemotherapy Potential: Synthesis and Evaluation of Substituted Pyrimido[4,5-b]indoles as Receptor Tyrosine Kinase and Thymidylate Synthase Inhibitors and as Antitumor Agents. Journal of Medicinal Chemistry, 2010, 53, 1563-1578.	6.4	50
3	Design, Synthesis, and Molecular Modeling of Novel Pyrido[2,3-d]pyrimidine Analogues As Antifolates; Application of Buchwaldâ€“Hartwig Aminations of Heterocycles. Journal of Medicinal Chemistry, 2013, 56, 4422-4441.	6.4	43
4	The design and discovery of water soluble 4-substituted-2,6-dimethylfuro[2,3-d]pyrimidines as multitargeted receptor tyrosine kinase inhibitors and microtubule targeting antitumor agents. Bioorganic and Medicinal Chemistry, 2014, 22, 3753-3772.	3.0	38
5	6-Substituted Pyrrolo[2,3-d]pyrimidine Thienoyl Regioisomers as Targeted Antifolates for Folate Receptor Î± and the Proton-Coupled Folate Transporter in Human Tumors. Journal of Medicinal Chemistry, 2015, 58, 6938-6959.	6.4	34
6	ENOblock Does Not Inhibit the Activity of the Glycolytic Enzyme Enolase. PLoS ONE, 2016, 11, e0168739.	2.5	34
7	Discovery of 5-Substituted Pyrrolo[2,3-d]pyrimidine Antifolates as Dual-Acting Inhibitors of Glycinamide Ribonucleotide Formyltransferase and 5-Aminoimidazole-4-carboxamide Ribonucleotide Formyltransferase in De Novo Purine Nucleotide Biosynthesis: Implications of Inhibiting 5-Aminoimidazole-4-carboxamide Ribonucleotide Formyltransferase to AMPK Activation and Antitumor	6.4	33
8	The design, synthesis and biological evaluation of conformationally restricted 4-substituted-2,6-dimethylfuro[2,3-d]pyrimidines as multi-targeted receptor tyrosine kinase and microtubule inhibitors as potential antitumor agents. Bioorganic and Medicinal Chemistry, 2015, 23, 2408-2423.	3.0	32
9	Tumor Targeting with Novel 6-Substituted Pyrrolo [2,3-d] Pyrimidine Antifolates with Heteroatom Bridge Substitutions via Cellular Uptake by Folate Receptor Î± and the Proton-Coupled Folate Transporter and Inhibition of de Novo Purine Nucleotide Biosynthesis. Journal of Medicinal Chemistry, 2016, 59, 7856-7876.	6.4	30
10	Structureâ€“Activity Relationship and in Vitro and in Vivo Evaluation of the Potent Cytotoxic Anti-microtubule Agent N-(4-Methoxyphenyl)-N,2,6-trimethyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-aminium Chloride and Its Analogues As Antitumor Agents. Journal of Medicinal Chemistry, 2013, 56, 6829-6844.	6.4	24
11	Tumor-Targeting with Novel Non-Benzoyl 6-Substituted Straight Chain Pyrrolo[2,3-d]pyrimidine Antifolates via Cellular Uptake by Folate Receptor Î± and Inhibition of de Novo Purine Nucleotide Biosynthesis. Journal of Medicinal Chemistry, 2013, 56, 8684-8695.	6.4	24
12	Structureâ€“Activity Profiles of Novel 6-Substituted Pyrrolo[2,3-d]pyrimidine Thienoyl Antifolates with Modified Amino Acids for Cellular Uptake by Folate Receptors Î± and Î² and the Proton-Coupled Folate Transporter. Journal of Medicinal Chemistry, 2014, 57, 8152-8166.	6.4	23
13	Novel 5-Substituted Pyrrolo[2,3-d]pyrimidines as Dual Inhibitors of Glycinamide Ribonucleotide Formyltransferase and 5-Aminoimidazole-4-carboxamide Ribonucleotide Formyltransferase and as Potential Antitumor Agents. Journal of Medicinal Chemistry, 2015, 58, 1479-1493.	6.4	22
14	Design, synthesis and evaluation of 2-amino-4-m-bromoanilino-6-arylmethyl-7H-pyrrolo[2,3-d]pyrimidines as tyrosine kinase inhibitors and antiangiogenic agents1. Bioorganic and Medicinal Chemistry, 2010, 18, 5261-5273.	3.0	19
15	Synthesis and biological activity of 5-chloro-N4-substituted phenyl-9H-pyrimido[4,5-b]indole-2,4-diamines as vascular endothelial growth factor receptor-2 inhibitors and antiangiogenic agents. Bioorganic and Medicinal Chemistry, 2013, 21, 1857-1864.	3.0	17
16	Synthesis of N4-(substituted phenyl)-N4-alkyl/desalkyl-9H-pyrimido[4,5-b]indole-2,4-diamines and identification of new microtubule disrupting compounds that are effective against multidrug resistant cells. Bioorganic and Medicinal Chemistry, 2013, 21, 891-902.	3.0	14
17	N4-(3-Bromophenyl)-7-(substituted benzyl) pyrrolo[2,3-d]pyrimidines as potent multiple receptor tyrosine kinase inhibitors: Design, synthesis, and in vivo evaluation. Bioorganic and Medicinal Chemistry, 2012, 20, 2444-2454.	3.0	13
18	The 3S Enantiomer Drives Enolase Inhibitory Activity in SF2312 and Its Analogues. Molecules, 2019, 24, 2510.	3.8	10

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19	PAM-OBG: A monoamine oxidase B specific prodrug that inhibits MGMT and generates DNA interstrand crosslinks, potentiating temozolomide and chemoradiation therapy in intracranial glioblastoma. Oncotarget, 2018, 9, 23923-23943.	1.8	9
20	A â€Clickableâ€•Probe for Active MGMT in Glioblastoma Demonstrates Two Discrete Populations of MGMT. Cancers, 2020, 12, 453.	3.7	7
21	MP-Pt(IV): A MAOB-Sensitive Mitochondrial-Specific Prodrug for Treating Glioblastoma. Molecular Cancer Therapeutics, 2020, 19, 2445-2453.	4.1	4
22	Regulation | Monoamine Oxidases. , 2021, , 542-560.		1
23	Development and validation of chemical features-based proton-coupled folate transporter/activity and reduced folate carrier/activity models (pharmacophores). Journal of Molecular Graphics and Modelling, 2018, 81, 125-133.	2.4	0
24	EXTH-72. MP-Pt(IV): A MAOB SENSITIVE MITOCHONDRIAL SMART BOMB FOR TREATING GLIOMA. Neuro-Oncology, 2018, 20, vi100-vi100.	1.2	0