

# Vivek Kumar

## List of Publications by Year in descending order

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24  
papers

667  
citations

623188

14  
h-index

642321

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

870  
citing authors

#	ARTICLE	IF	CITATIONS
1	1,8-Naphthyridine Derivatives: A Review of Multiple Biological Activities. <i>Archiv Der Pharmazie</i> , 2015, 348, 837-860.	2.1	75
2	Highly Selective Dopamine D <sub>3</sub> Receptor (D <sub>3</sub> R) Antagonists and Partial Agonists Based on Eticlopride and the D <sub>3</sub> R Crystal Structure: New Leads for Opioid Dependence Treatment. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7634-7650.	2.9	73
3	Dopamine D <sub>3</sub> R antagonist VK4-116 attenuates oxycodone self-administration and reinstatement without compromising its antinociceptive effects. <i>Neuropsychopharmacology</i> , 2019, 44, 1415-1424.	2.8	61
4	Toward Understanding the Structural Basis of Partial Agonism at the Dopamine D <sub>3</sub> Receptor. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 580-593.	2.9	49
5	Synthesis and Pharmacological Characterization of Novel <i>trans</i> -Cyclopropylmethyl-Linked Bivalent Ligands That Exhibit Selectivity and Allosteric Pharmacology at the Dopamine D <sub>3</sub> Receptor (D <sub>3</sub> R). <i>Journal of Medicinal Chemistry</i> , 2017, 60, 1478-1494.	2.9	44
6	Novel Bivalent Ligands Based on the Sumanirole Pharmacophore Reveal Dopamine D <sub>2</sub> Receptor (D <sub>2</sub> R) Biased Agonism. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 2890-2907.	2.9	43
7	Novel and Potent Dopamine D <sub>2</sub> Receptor Go-Protein Biased Agonists. <i>ACS Pharmacology and Translational Science</i> , 2019, 2, 52-65.	2.5	43
8	1,8-Naphthyridine-3-carboxamide derivatives with anticancer and anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3356-3362.	2.6	37
9	Novel Analogues of ( <i>R</i> )-5-(Methylamino)-5,6-dihydro-4 <i>H</i> -imidazo[4,5,1- <i>ij</i> ]quinolin-2(1 <i>H</i> )-one (Sumanirole) Provide Clues to Dopamine D <sub>2</sub> /D <sub>3</sub> Receptor Agonist Selectivity. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2973-2988.	2.9	33
10	Biased G Protein-Independent Signaling of Dopamine D <sub>1</sub> -D <sub>3</sub> Receptor Heteromers in the Nucleus Accumbens. <i>Molecular Neurobiology</i> , 2019, 56, 6756-6769.	1.9	33
11	Investigation of Novel Primary and Secondary Pharmacophores and 3-Substitution in the Linking Chain of a Series of Highly Selective and Bitopic Dopamine D <sub>3</sub> Receptor Antagonists and Partial Agonists. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9061-9077.	2.9	30
12	Nanopharmacological Force Sensing to Reveal Allosteric Coupling in Transporter Binding Sites. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1719-1722.	7.2	29
13	Novel and High Affinity Fluorescent Ligands for the Serotonin Transporter Based on ( <i>S</i> )-Citalopram. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 696-699.	1.3	20
14	Investigation of the binding and functional properties of extended length D <sub>3</sub> dopamine receptor-selective antagonists. <i>European Neuropsychopharmacology</i> , 2015, 25, 1448-1461.	0.3	20
15	Anti-inflammatory activity of a naphthyridine derivative (7-chloro-6-fluoro-N-(2-hydroxy-3-oxo-1-phenyl-3-(phenylamino)propyl)-4-oxo-1-(prop-2-yn-1-yl)-1,4-dihydro-1,8-naphthyridine-3-carboxamide) possessing in vitro anticancer potential. <i>International Immunopharmacology</i> , 2013, 15, 606-613.		
16	Chiral Resolution and Serendipitous Fluorination Reaction for the Selective Dopamine D <sub>3</sub> Receptor Antagonist BAK2-66. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 647-651.	1.3	13
17	Evidence for a Stereoselective Mechanism for Bitopic Activity by Extended-Length Antagonists of the D <sub>3</sub> Dopamine Receptor. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3309-3320.	1.7	13
18	The Multifaceted Reactivity of <i>o</i> -Fluoranil. <i>Journal of Organic Chemistry</i> , 2012, 77, 966-970.	1.7	11

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19	Novel Azido-Iodo Photoaffinity Ligands for the Human Serotonin Transporter Based on the Selective Serotonin Reuptake Inhibitor ( <i>S</i> )-Citalopram. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5609-5619.	2.9	10
20	Anticancer and immunomodulatory activities of novel 1,8-naphthyridine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2009, 24, 1169-1178.	2.5	9
21	Photochemistry of <i>o</i> -Fluoranil. <i>Journal of Organic Chemistry</i> , 2012, 77, 5017-5021.	1.7	3
22	Nanopharmacological Force Sensing to Reveal Allosteric Coupling in Transporter Binding Sites. <i>Angewandte Chemie</i> , 2016, 128, 1751-1754.	1.6	3
23	Photoaffinity-Mediated Identification of a Third Citalopram Analog Binding Site on the Serotonin Transporter. <i>FASEB Journal</i> , 2018, 32, 680.1.	0.2	1
24	Evidence for a Stereoselective Mechanism of Action for Non-competitive Antagonism of the D3 Dopamine Receptor by Extended-Length Bitopic Ligands. <i>FASEB Journal</i> , 2018, 32, 827.12.	0.2	0