

# Henar Vázquez-Villa

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,774  
citations

361413

20  
h-index

454955

30  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2423  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclization of Carbonyl Groups onto Alkynes upon Reaction with IPy2BF4 and Their Trapping with Nucleophiles: A Versatile Trigger for Assembling Oxygen Heterocycles. <i>Journal of the American Chemical Society</i> , 2003, 125, 9028-9029.	13.7	240
2	The anxiolytic effect of cannabidiol on chronically stressed mice depends on hippocampal neurogenesis: involvement of the endocannabinoid system. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1407-1419.	2.1	225
3	Serotonin 5-HT <sub>6</sub> Receptor Antagonists for the Treatment of Cognitive Deficiency in Alzheimer's Disease. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 7160-7181.	6.4	142
4	Regioselective Synthesis of Substituted Naphthalenes: A Novel de Novo Approach Based on a Metal-Free Protocol for Stepwise Cycloaddition of o-Alkynylbenzaldehyde Derivatives with Either Alkynes or Alkenes. <i>Organic Letters</i> , 2003, 5, 4121-4123.	4.6	137
5	The Reaction of o-Alkynylarene and Heteroarene Carboxaldehyde Derivatives with Iodonium Ions and Nucleophiles: A Versatile and Regioselective Synthesis of 1H-Isoschromene, Naphthalene, Indole, Benzofuran, and Benzothiophene Compounds. <i>Chemistry - A European Journal</i> , 2006, 12, 5790-5805.	3.3	135
6	Transfer Hydrogenation in Water: Enantioselective, Catalytic Reduction of $\hat{I}^{\pm}$ -Cyano and $\hat{I}^{\pm}$ -Nitro Substituted Acetophenones. <i>Organic Letters</i> , 2010, 12, 2893-2895.	4.6	110
7	Copper(II) Tetrafluoroborate Catalyzed Ring-Opening Reaction of Epoxides with Alcohols at Room Temperature. <i>Organic Letters</i> , 2002, 4, 2817-2819.	4.6	98
8	Role of Cannabinoid Receptor CB2 in HER2 Pro-oncogenic Signaling in Breast Cancer. <i>Journal of the National Cancer Institute</i> , 2015, 107, djv077.	6.3	98
9	Iridium Diamine Catalyst for the Asymmetric Transfer Hydrogenation of Ketones. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8979-8981.	13.8	80
10	Synthesis of Indoles upon Sequential Reaction of 3-Alkynylpyrrole-2-carboxaldehydes with Iodonium Ions and Alkenes. Preparation of Related Benzofuran and Benzothiophene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 526-530.	4.3	58
11	Synthetic Inhibitors of Bacterial Cell Division Targeting the GTP-Binding Site of FtsZ. <i>ACS Chemical Biology</i> , 2013, 8, 2072-2083.	3.4	52
12	New Serotonin 5-HT <sub>1A</sub> Receptor Agonists with Neuroprotective Effect against Ischemic Cell Damage. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 7986-7999.	6.4	36
13	A Basal Tone of 2-Arachidonoylglycerol Contributes to Early Oligodendrocyte Progenitor Proliferation by Activating Phosphatidylinositol 3-Kinase (PI3K)/AKT and the Mammalian Target of Rapamycin (mTOR) Pathways. <i>Journal of Neuroimmune Pharmacology</i> , 2015, 10, 309-317.	4.1	36
14	A new serotonin 5-HT <sub>6</sub> receptor antagonist with procognitive activity: Importance of a halogen bond interaction to stabilize the binding. <i>Scientific Reports</i> , 2017, 7, 41293.	3.3	36
15	A Positive Allosteric Modulator of the Serotonin 5-HT <sub>2C</sub> Receptor for Obesity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 9575-9584.	6.4	33
16	The structural assembly switch of cell division protein FtsZ probed with fluorescent allosteric inhibitors. <i>Chemical Science</i> , 2017, 8, 1525-1534.	7.4	33
17	New Serotonin 5-HT <sub>1A</sub> Receptor Agonists Endowed with Antinociceptive Activity <i>in Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7851-7861.	6.4	27
18	Development of Fluorescent Ligands for the Human 5-HT <sub>1A</sub> Receptor. <i>ACS Medicinal Chemistry Letters</i> , 2010, 1, 249-253.	2.8	25

#	ARTICLE	IF	CITATIONS
19	Effective GTP-Replacing FtsZ Inhibitors and Antibacterial Mechanism of Action. ACS Chemical Biology, 2015, 10, 834-843.	3.4	25
20	A Novel Agonist of the Type 1 Lysophosphatidic Acid Receptor (LPA <sub>1</sub> ), UCM-05194, Shows Efficacy in Neuropathic Pain Amelioration. Journal of Medicinal Chemistry, 2020, 63, 2372-2390.	6.4	21
21	New Inhibitors of Angiogenesis with Antitumor Activity in Vivo. Journal of Medicinal Chemistry, 2015, 58, 3757-3766.	6.4	18
22	The Extracellular Entrance Provides Selectivity to Serotonin 5-HT <sub>7</sub> Receptor Antagonists with Antidepressant-like Behavior in Vivo. Journal of Medicinal Chemistry, 2014, 57, 6879-6884.	6.4	15
23	Chemoproteomic Approach to Explore the Target Profile of GPCR ligands: Application to 5-HT <sub>1A</sub> and 5-HT <sub>6</sub> Receptors. Chemistry - A European Journal, 2016, 22, 1313-1321.	3.3	15
24	Development of Molecular Probes for the Human 5-HT <sub>6</sub> Receptor. Journal of Medicinal Chemistry, 2010, 53, 7095-7106.	6.4	14
25	The status of the lysophosphatidic acid receptor type 1 (LPA <sub>1</sub> R). MedChemComm, 2015, 6, 13-23.	3.4	13
26	Development of a Nucleotide Exchange Inhibitor That Impairs Ras Oncogenic Signaling. Chemistry - A European Journal, 2017, 23, 1676-1685.	3.3	13
27	Targeting the FtsZ Allosteric Binding Site with a Novel Fluorescence Polarization Screen, Cytological and Structural Approaches for Antibacterial Discovery. Journal of Medicinal Chemistry, 2021, 64, 5730-5745.	6.4	11
28	Discovery of V-0219: A Small-Molecule Positive Allosteric Modulator of the Glucagon-Like Peptide-1 Receptor toward Oral Treatment for $\alpha$ -Diabetes. Journal of Medicinal Chemistry, 2022, 65, 5449-5461.	6.4	5
29	Progress toward allosteric ligands of metabotropic glutamate 7 (mGlu <sub>7</sub> ) receptor: 2008–present. MedChemComm, 2019, 10, 193-199.	3.4	3
30	Allosteric modulators targeting GPCRs. , 2020, , 195-241.		1
31	Cyclization of Carbonyl Groups onto Alkynes upon Reaction with IPy2BF <sub>4</sub> and Their Trapping with Nucleophiles: A Versatile Trigger for Assembling Oxygen Heterocycles.. ChemInform, 2003, 34, no.	0.0	0
32	Regioselective Synthesis of Substituted Naphthalenes: A Novel de Novo Approach Based on a Metal-Free Protocol for Stepwise Cycloaddition of o-Alkynylbenzaldehyde Derivatives with Either Alkynes or Alkenes.. ChemInform, 2004, 35, no.	0.0	0