

# Kelly A Teske

## List of Publications by Year in descending order

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57  
papers

949  
citations

430442

18  
h-index

525886

27  
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57  
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57  
docs citations

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times ranked

1238  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of currently identified small molecule modulators of microRNA function. <i>European Journal of Medicinal Chemistry</i> , 2020, 188, 112008.	2.6	64
2	Quantification of the Vitamin D Receptor $\alpha$ -Coregulator Interaction. <i>Biochemistry</i> , 2009, 48, 1454-1461.	1.2	62
3	Novel Benzodiazepine-Like Ligands with Various Anxiolytic, Antidepressant, or Pro-Cognitive Profiles. <i>Molecular Neuropsychiatry</i> , 2019, 5, 84-97.	3.0	54
4	Discovery of the First Irreversible Small Molecule Inhibitors of the Interaction between the Vitamin D Receptor and Coactivators. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 4640-4651.	2.9	43
5	Synthesis and Characterization of a Novel $\gamma$ -Aminobutyric Acid Type A (GABA <sub>A</sub> ) Receptor Ligand That Combines Outstanding Metabolic Stability, Pharmacokinetics, and Anxiolytic Efficacy. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10800-10806.	2.9	43
6	Design and Synthesis of Novel Deuterated Ligands Functionally Selective for the $\gamma$ -Aminobutyric Acid Type A Receptor (GABA <sub>A</sub> ) $\alpha 6$ Subtype with Improved Metabolic Stability and Enhanced Bioavailability. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 2422-2446.	2.9	40
7	Discovery and Optimization of Novel Hydrogen Peroxide Activated Aromatic Nitrogen Mustard Derivatives as Highly Potent Anticancer Agents. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 9132-9145.	2.9	39
8	A Review of the Updated Pharmacophore for the Alpha 5 GABA(A) Benzodiazepine Receptor Model. <i>International Journal of Medicinal Chemistry</i> , 2015, 2015, 1-54.	2.2	37
9	A Novel Orally Available Asthma Drug Candidate That Reduces Smooth Muscle Constriction and Inflammation by Targeting GABA <sub>A</sub> Receptors in the Lung. <i>Molecular Pharmaceutics</i> , 2018, 15, 1766-1777.	2.3	33
10	Methyllysine binding domains: Structural insight and small molecule probe development. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 14-35.	2.6	29
11	Calcitriol: A Review. <i>ACS Chemical Biology</i> , 2016, 11, 2665-2672.	1.6	28
12	Development of GABA <sub>A</sub> Receptor Subtype-Selective Imidazobenzodiazepines as Novel Asthma Treatments. <i>Molecular Pharmaceutics</i> , 2016, 13, 2026-2038.	2.3	27
13	Hydrogen peroxide activated quinone methide precursors with enhanced DNA cross-linking capability and cytotoxicity towards cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2017, 133, 197-207.	2.6	27
14	Alleviation of Multiple Asthmatic Pathologic Features with Orally Available and Subtype Selective GABA <sub>A</sub> Receptor Modulators. <i>Molecular Pharmaceutics</i> , 2017, 14, 2088-2098.	2.3	26
15	Peroxisome Proliferation-Activated Receptor $\gamma$ Agonist GW0742 Interacts Weakly with Multiple Nuclear Receptors, Including the Vitamin D Receptor. <i>Biochemistry</i> , 2013, 52, 4193-4203.	1.2	25
16	Development of Novel Vitamin D Receptor $\alpha$ -Coactivator Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 199-204.	1.3	24
17	Pharmacological and antihyperalgesic properties of the novel $\alpha 2/3$ preferring GABA A receptor ligand MP-III-024. <i>Brain Research Bulletin</i> , 2017, 131, 62-69.	1.4	23
18	Anticancer activity of VDR-coregulator inhibitor PS121912. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 74, 787-798.	1.1	19

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19	Glo1 inhibitors for neuropsychiatric and anti-epileptic drug development. <i>Biochemical Society Transactions</i> , 2014, 42, 461-467.	1.6	19
20	Optimization of substituted imidazobenzodiazepines as novel asthma treatments. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 550-560.	2.6	17
21	Synthesis of chiral GABAA receptor subtype selective ligands as potential agents to treat schizophrenia as well as depression. <i>Arkivoc</i> , 2018, 2018, 158-182.	0.3	15
22	A novel GABA <sub>A</sub> receptor ligand MIDD0301 with limited blood-brain barrier penetration relaxes airway smooth muscle ex vivo and in vivo. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L385-L390.	1.3	15
23	Synthesis and evaluation of vitamin D receptor-mediated activities of cholesterol and vitamin D metabolites. <i>European Journal of Medicinal Chemistry</i> , 2016, 109, 238-246.	2.6	14
24	Alternative binding sites at the vitamin D receptor and their ligands. <i>Molecular and Cellular Endocrinology</i> , 2019, 485, 1-8.	1.6	14
25	Genetic and pharmacological manipulation of <i>glyoxalase 1</i> regulates voluntary ethanol consumption in mice. <i>Addiction Biology</i> , 2017, 22, 381-389.	1.4	13
26	Characterization of GABA A receptor ligands with automated patch-clamp using human neurons derived from pluripotent stem cells. <i>Journal of Pharmacological and Toxicological Methods</i> , 2016, 82, 109-114.	0.3	12
27	Development of posaconazole-based analogues as hedgehog signaling pathway inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 320-332.	2.6	12
28	Identification of VDR Antagonists among Nuclear Receptor Ligands Using Virtual Screening. <i>Nuclear Receptor Research</i> , 2014, 1, .	2.5	12
29	PT19c, Another Nonhypercalcemic Vitamin D2 Derivative, Demonstrates Antitumor Efficacy in Epithelial Ovarian and Endometrial Cancer Models. <i>Genes and Cancer</i> , 2013, 4, 524-534.	0.6	11
30	Probing the Ligand-Binding Pocket of BTN3A1. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 6814-6823.	2.9	11
31	MIDD0301 – A first-in-class anti-inflammatory asthma drug targets GABA <sub>A</sub> receptors without causing systemic immune suppression. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 75-84.	1.2	10
32	Design and Evaluation of Heterobivalent PAR1/PAR2 Ligands as Antagonists of Calcium Mobilization. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 121-126.	1.3	10
33	The parmodulin NRD-21 is an allosteric inhibitor of PAR1 Gq signaling with improved anti-inflammatory activity and stability. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 3788-3796.	1.4	9
34	Improved Scale-up Synthesis and Purification of Clinical Asthma Candidate MIDD0301. <i>Organic Process Research and Development</i> , 2020, 24, 1467-1476.	1.3	9
35	Novel VDR antagonists based on the GW0742 scaffold. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 351-354.	1.0	8
36	Structure-Activity Relationships for Itraconazole-Based Triazolone Analogues as Hedgehog Pathway Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3873-3885.	2.9	8

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37	Inhibitors for the Vitamin D Receptorâ€“Coregulator Interaction. <i>Vitamins and Hormones</i> , 2016, 100, 45-82.	0.7	7
38	A Structure-Activity Relationship Comparison of Imidazodiazepines Binding at Kappa, Mu, and Delta Opioid Receptors and the GABAA Receptor. <i>Molecules</i> , 2020, 25, 3864.	1.7	7
39	Assessment of Phenylboronic Acid Nitrogen Mustards as Potent and Selective Drug Candidates for Triple-Negative Breast Cancer. <i>ACS Pharmacology and Translational Science</i> , 2021, 4, 687-702.	2.5	6
40	Nebulized MIDD0301 Reduces Airway Hyperresponsiveness in Moderate and Severe Murine Asthma Models. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1381-1390.	2.5	6
41	Development of Inhaled GABA <sub>A</sub> Receptor Modulators to Improve Airway Function in Bronchoconstrictive Disorders. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 80-88.	2.5	6
42	An anthrone-based Kv7.2/7.3 channel blocker with improved properties for the investigation of psychiatric and neurodegenerative disorders. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126681.	1.0	5
43	Inhibition of hedgehog signaling by stereochemically defined des-triazole itraconazole analogues. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126794.	1.0	5
44	The Effects of pH on the Structure and Bioavailability of Imidazobenzodiazepine-3-Carboxylate MIDD0301. <i>Molecular Pharmaceutics</i> , 2020, 17, 1182-1192.	2.3	5
45	Targeting Nitric Oxide Production in Microglia with Novel Imidazodiazepines for Nonsedative Pain Treatment. <i>ACS Chemical Neuroscience</i> , 2020, 11, 2019-2030.	1.7	5
46	Design, synthesis and characterization of novel gamma-aminobutyric acid type A receptor ligands. <i>Arkivoc</i> , 2021, 2020, 242-256.	0.3	5
47	Biological evaluation and synthesis of calcitroic acid. <i>Bioorganic Chemistry</i> , 2021, 116, 105310.	2.0	5
48	A high-throughput screening assay for pyruvate carboxylase. <i>Analytical Biochemistry</i> , 2018, 550, 90-98.	1.1	4
49	Development of a Novel, Small-Molecule Brain-Penetrant Histone Deacetylase Inhibitor That Enhances Spatial Memory Formation in Mice. <i>Journal of Medicinal Chemistry</i> , 2022, , .	2.9	4
50	Metabolism, pharmacokinetics, and anticonvulsant activity of a deuterated analog of the $\pm$ -selective GABA <sub>A</sub> agonist KRM-81. <i>Biopharmaceutics and Drug Disposition</i> , 2022, 43, 66-75.	1.1	4
51	Parallel Chemistry Approach to Identify Novel Nuclear Receptor Ligands Based on the GW0742 Scaffold. <i>ACS Combinatorial Science</i> , 2017, 19, 646-656.	3.8	3
52	Synthesis and biological evaluation of calcioic acid. <i>Steroids</i> , 2020, 154, 108536.	0.8	3
53	Identification of a Vitamin-D Receptor Antagonist, MeTC7, which Inhibits the Growth of Xenograft and Transgenic Tumors <i>In Vivo</i> . <i>Journal of Medicinal Chemistry</i> , 2022, 65, 6039-6055.	2.9	3
54	Identification and Quantification of MIDD0301 Metabolites. <i>Current Drug Metabolism</i> , 2021, 22, 1114-1123.	0.7	2

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55	Comparative pharmacodynamic and pharmacokinetic study of MIDD0301 and its (S) enantiomer. Drug Development Research, 2022, , .	1.4	1
56	Imidazobenzodiazepine PI320 Relaxes Mouse Peripheral Airways by Inhibiting Calcium Mobilization. American Journal of Respiratory Cell and Molecular Biology, 0, , .	1.4	1
57	Strategies for the Design of Vitamin D Receptor Ligands. , 2021, , 199-217.		0