# James W Checco

List of Publications by Year
in descending order



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|---|---|---|---|
| 19 papers | 591 citations | 949033 11 h-index | 889612 19 g-index |
| 19 all docs | 19 docs citations | 19 times ranked | 795 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Evaluation of endogenous peptide stereochemistry using liquid chromatography-mass spectrometry-based spiking experiments. Methods in Enzymology, 2022, 663, 205-234. | 0.4 | 2 |
| 2 | Peptidomics analysis reveals changes in small urinary peptides in patients with interstitial cystitis/bladder pain syndrome. Scientific Reports, 2022, 12, 8289. | 1.6 | 4 |
| 3 | Trimer-to-Monomer Disruption Mechanism for a Potent, Protease-Resistant Antagonist of Tumor Necrosis Factor-Î± Signaling. Journal of the American Chemical Society, 2022, 144, 9610-9617. | 6.6 | 5 |
| 4 | Mass Spectrometry Approaches Empowering Neuropeptide Discovery and Therapeutics. Pharmacological Reviews, 2022, 74, 662-679. | 7.1 | 5 |
| 5 | Advancing d-amino acid-containing peptide discovery in the metazoan. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140553. | 1.1 | 17 |
| 6 | Identifying Receptors for Neuropeptides and Peptide Hormones: Challenges and Recent Progress. ACS Chemical Biology, 2021, 16, 251-263. | 1.6 | 16 |
| 7 | Evaluating functional ligand-GPCR interactions in cell-based assays. Methods in Cell Biology, 2021, 166, 15-42. | 0.5 | 3 |
| 8 | Differential Post-Translational Amino Acid Isomerization Found among Neuropeptides inAplysia californica. ACS Chemical Biology, 2020, 15, 272-281. | 1.6 | 19 |
| 9 | Tumor Necrosis Factor-Î± Trimer Disassembly and Inactivation via Peptide-Small Molecule Synergy. ACS Chemical Biology, 2020, 15, 2116-2124. | 1.6 | 5 |
| 10 | Molecular and Physiological Characterization of a Receptor for <scp>d</scp>-Amino Acid-Containing Neuropeptides. ACS Chemical Biology, 2018, 13, 1343-1352. | 1.6 | 27 |
| 11 | Aplysia allatotropin-related peptide and its newly identified d-amino acidâ€"containing epimer both activate a receptor and a neuronal target. Journal of Biological Chemistry, 2018, 293, 16862-16873. | 1.6 | 25 |
| 12 | Conformational investigation of the structureâ€"activity relationship of GdFFD and its analogues on an achatin-like neuropeptide receptor of <i>Aplysia californica</i> involved in the feeding circuit. Physical Chemistry Chemical Physics, 2018, 20, 22047-22057. | 1.3 | 13 |
| 13 | Non-targeted Identification of d-Amino Acid-Containing Peptides Through Enzymatic Screening, Chiral Amino Acid Analysis, and LC-MS. Methods in Molecular Biology, 2018, 1719, 107-118. | 0.4 | 4 |
| 14 | Iterative Nonproteinogenic Residue Incorporation Yields Î±/Î²â€Peptides with a Helixâ€"Loopâ€"Helix Tertiary Structure and High Affinity for VEGF. ChemBioChem, 2017, 18, 291-299. | 1.3 | 19 |
| 15 | Targeting recognition surfaces on natural proteins with peptidic foldamers. Current Opinion in Structural Biology, 2016, 39, 96-105. | 2.6 | 76 |
| 16 | Targeting diverse proteinâ€"protein interaction interfaces with Î±/Î²-peptides derived from the Z-domain scaffold. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4552-4557. | 3.3 | 93 |
| 17 | Î±/Î²-Peptide Foldamers Targeting Intracellular Proteinâ€"Protein Interactions with Activity in Living Cells. Journal of the American Chemical Society, 2015, 137, 11365-11375. | 6.6 | 101 |
| 18 | Structureâ€Guided Rational Design of Î±/Î²â€Peptide Foldamers with High Affinity for BCLâ€2 Family Prosurvival Proteins. ChemBioChem, 2013, 14, 1564-1572. | 1.3 | 65 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Extending Foldamer Design beyond Î±-Helix Mimicry: Î±/Î²-Peptide Inhibitors of Vascular Endothelial Growth Factor Signaling. Journal of the American Chemical Society, 2012, 134, 7652-7655. | 6.6 | 92 |