

Publications: >300 peer-reviewed publications; 24,000 citations, 30 reviews; 4 patents; 15 editorials; 8 book articles.

[Google Scholar](#): h-index 82; i10-index 261 | [Research Gate](#) | [Research Loop](#)

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- 8) Zhu R, Canena D, Sikora M, Klausberger M, Seferovic H, Mehdipour AR, Hain L, Laurent E, Monteil V, Wirnsberger G, Wieneke R, Tampé R, Kienzl NF, Mach L, Mirazimi A, Oh YJ, Penninger JM, Hummer G, Hinterdorfer P (2022) Force-tuned avidity of spike variant-ACE2 interactions viewed on the single-molecule level. *Nat Commun* 13, 7926. [doi:10.1038/s41467-022-35641-3](https://doi.org/10.1038/s41467-022-35641-3)
- 9) Sánchez MF, Dietz MS, Müller U, Weghuber J, Gatterdam K, Wieneke R, Heilemann M, Lanzerstorfer P, Tampé R (2022) Dynamic in situ confinement triggers ligand-free neuropeptide receptor signaling. *Nano Lett* 22, 8363-8371. [doi:10.1021/acs.nanolett.2c03506](https://doi.org/10.1021/acs.nanolett.2c03506)
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- 11) Sánchez MF, Tampé R (2022) Ligand-independent receptor clustering modulates transmembrane signaling: a new paradigm. *Trends Biochem Sci* 48, 156-171. [doi:10.1016/j.tibs.2022.08.002](https://doi.org/10.1016/j.tibs.2022.08.002)
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