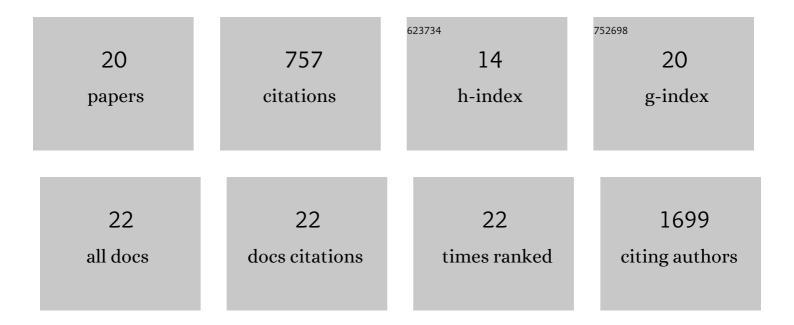
Joon Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9042481/publications.pdf

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#	Article	IF	CITATIONS
1	Sulfonated red and far-red rhodamines to visualize SNAP- and Halo-tagged cell surface proteins. Organic and Biomolecular Chemistry, 2022, 20, 5967-5980.	2.8	12
2	Differences in interactions between transmembrane domains tune the activation of metabotropic glutamate receptors. ELife, 2021, 10, .	6.0	18
3	Unusual mode of dimerization of retinitis pigmentosa-associated F220C rhodopsin. Scientific Reports, 2021, 11, 10536.	3.3	7
4	Structural and compositional diversity in the kainate receptor family. Cell Reports, 2021, 37, 109891.	6.4	17
5	Branched Photoswitchable Tethered Ligands Enable Ultra-efficient Optical Control and Detection of G Protein-Coupled Receptors InÂVivo. Neuron, 2020, 105, 446-463.e13.	8.1	58
6	Interrogating surface <i>versus</i> intracellular transmembrane receptor populations using cell-impermeable SNAP-tag substrates. Chemical Science, 2020, 11, 7871-7883.	7.4	30
7	Defining the Homo- and Heterodimerization Propensities of Metabotropic Glutamate Receptors. Cell Reports, 2020, 31, 107605.	6.4	39
8	Array atomic force microscopy for real-time multiparametric analysis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5872-5877.	7.1	18
9	The diphenylpyrazole compound anle138b blocks Aβ channels and rescues disease phenotypes in a mouse model for amyloid pathology. EMBO Molecular Medicine, 2018, 10, 32-47.	6.9	63
10	Amyloid β Ion Channels in a Membrane Comprising Brain Total Lipid Extracts. ACS Chemical Neuroscience, 2017, 8, 1348-1357.	3.5	72
11	Nanofibre optic force transducers with sub-piconewton resolution via near-field plasmon–dielectric interactions. Nature Photonics, 2017, 11, 352-355.	31.4	31
12	Graphite-Templated Amyloid Nanostructures Formed by a Potential Pentapeptide Inhibitor for Alzheimer's Disease: A Combined Study of Real-Time Atomic Force Microscopy and Molecular Dynamics Simulations. Langmuir, 2017, 33, 6647-6656.	3.5	16
13	Real-time visualization of clustering and intracellular transport of gold nanoparticles by correlative imaging. Nature Communications, 2017, 8, 15646.	12.8	163
14	Gap controlled plasmon-dielectric coupling effects investigated with single nanoparticle-terminated atomic force microscope probes. Nanoscale, 2016, 8, 17102-17107.	5.6	5
15	Small molecule NPT-440-1 inhibits ionic flux through $A\hat{l}^2$ 1-42 pores: Implications for Alzheimer's disease therapeutics. Nanomedicine: Nanotechnology, Biology, and Medicine, 2016, 12, 2331-2340.	3.3	1
16	Magnetically-responsive silica–gold nanobowls for targeted delivery and SERS-based sensing. Nanoscale, 2016, 8, 11840-11850.	5.6	27
17	Highly specific SNP detection using 2D graphene electronics and DNA strand displacement. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7088-7093.	7.1	106
18	Computational Methods for Structural and Functional Studies of Alzheimer's Amyloid Ion Channels. Methods in Molecular Biology, 2016, 1345, 251-268.	0.9	7

#	Article	IF	CITATIONS
19	Activity and Architecture of Pyroglutamate-Modified Amyloid-β (Aβ _{pE3-42}) Pores. Journal of Physical Chemistry B, 2014, 118, 7335-7344.	2.6	35
20	Role of the Fast Kinetics of Pyroglutamate-Modified Amyloid-Î ² Oligomers in Membrane Binding and Membrane Permeability. Biochemistry, 2014, 53, 4704-4714.	2.5	32