

Chang-Wook Lee

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,455
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

3514
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Cryo-EM structure of OSCA1.2 from <i>Oryza sativa</i> elucidates the mechanical basis of potential membrane hyperosmolality gating. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14309-14318. | 7.1 | 71 |
| 2 | Generation, expression and utilization of single-domain antibodies for in vivo protein localization and manipulation in sea urchin embryos. <i>Methods in Cell Biology</i> , 2019, 151, 353-376. | 1.1 | 9 |
| 3 | Sphingosine 1-phosphate receptor 2 (S1P2) attenuates reactive oxygen species formation and inhibits cell death: implications for otoprotective therapy. <i>Scientific Reports</i> , 2016, 6, 24541. | 3.3 | 42 |
| 4 | In vitro nanobody discovery for integral membrane protein targets. <i>Scientific Reports</i> , 2015, 4, 6760. | 3.3 | 35 |
| 5 | Structures of P-glycoprotein reveal its conformational flexibility and an epitope on the nucleotide-binding domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13386-13391. | 7.1 | 225 |
| 6 | Sphingosine 1-Phosphate Receptors Are Essential Mediators of Eyelid Closure during Embryonic Development. <i>Journal of Biological Chemistry</i> , 2013, 288, 29882-29889. | 3.4 | 24 |
| 7 | Stereotyped fetal brain disorganization is induced by hypoxia and requires lysophosphatidic acid receptor 1 (LPA ₁) signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 15444-15449. | 7.1 | 52 |
| 8 | FTY720 (fingolimod) efficacy in an animal model of multiple sclerosis requires astrocyte sphingosine 1-phosphate receptor 1 (S1P ₁) modulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 751-756. | 7.1 | 558 |
| 9 | LPA Receptors: Subtypes and Biological Actions. <i>Annual Review of Pharmacology and Toxicology</i> , 2010, 50, 157-186. | 9.4 | 724 |
| 10 | Lysophosphatidic acid-induced <i>c-fos</i> up-regulation involves cyclic AMP response element-binding protein activated by mitogen- and stress-activated protein kinase-1. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 785-794. | 2.6 | 8 |
| 11 | Biological roles of lysophospholipid receptors revealed by genetic null mice: An update. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2008, 1781, 531-539. | 2.4 | 113 |
| 12 | LPA4/GPR23 Is a Lysophosphatidic Acid (LPA) Receptor Utilizing Gs-, Gq/Gi-mediated Calcium Signaling and G12/13-mediated Rho Activation. <i>Journal of Biological Chemistry</i> , 2007, 282, 4310-4317. | 3.4 | 150 |
| 13 | GPR92 as a New G12/13- and Gq-coupled Lysophosphatidic Acid Receptor That Increases cAMP, LPA5. <i>Journal of Biological Chemistry</i> , 2006, 281, 23589-23597. | 3.4 | 414 |
| 14 | Lysophosphatidic acid stimulates CREB through mitogen- and stress-activated protein kinase-1. <i>Biochemical and Biophysical Research Communications</i> , 2003, 305, 455-461. | 2.1 | 30 |