

Leon L Su

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,328
citations

687363

13
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

1806
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Exploiting a natural conformational switch to engineer an interleukin-2 "superkine"™. <i>Nature</i> , 2012, 484, 529-533. | 27.8 | 438 |
| 2 | Selective targeting of engineered T cells using orthogonal IL-2 cytokine-receptor complexes. <i>Science</i> , 2018, 359, 1037-1042. | 12.6 | 254 |
| 3 | Structure of the IFN γ receptor complex guides design of biased agonists. <i>Nature</i> , 2019, 567, 56-60. | 27.8 | 85 |
| 4 | Therapeutic Effects of Systemic Administration of Chaperone β -Crystallin Associated with Binding Proinflammatory Plasma Proteins. <i>Journal of Biological Chemistry</i> , 2012, 287, 9708-9721. | 3.4 | 79 |
| 5 | Structure-based decoupling of the pro- and anti-inflammatory functions of interleukin-10. <i>Science</i> , 2021, 371, . | 12.6 | 79 |
| 6 | Structural basis for IL-12 and IL-23 receptor sharing reveals a gateway for shaping actions on T versus NK cells. <i>Cell</i> , 2021, 184, 983-999.e24. | 28.9 | 78 |
| 7 | A human orthogonal IL-2 and IL-2R β system enhances CAR T cell expansion and antitumor activity in a murine model of leukemia. <i>Science Translational Medicine</i> , 2021, 13, eabg6986. | 12.4 | 64 |
| 8 | Immune receptor inhibition through enforced phosphatase recruitment. <i>Nature</i> , 2020, 586, 779-784. | 27.8 | 59 |
| 9 | Selective expansion of regulatory T cells using an orthogonal IL-2/IL-2 receptor system facilitates transplantation tolerance. <i>Journal of Clinical Investigation</i> , 2021, 131, . | 8.2 | 46 |
| 10 | Potentiating adoptive cell therapy using synthetic IL-9 receptors. <i>Nature</i> , 2022, 607, 360-365. | 27.8 | 41 |
| 11 | The tissue protective functions of interleukin-22 can be decoupled from pro-inflammatory actions through structure-based design. <i>Immunity</i> , 2021, 54, 660-672.e9. | 14.3 | 36 |
| 12 | Facile discovery of surrogate cytokine agonists. <i>Cell</i> , 2022, 185, 1414-1430.e19. | 28.9 | 33 |
| 13 | Calibration of cell-intrinsic interleukin-2 response thresholds guides design of a regulatory T cell biased agonist. <i>ELife</i> , 2021, 10, . | 6.0 | 23 |
| 14 | Interleukin-2 superkines by computational design. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e21117401119. | 7.1 | 12 |
| 15 | Human Orthogonal IL-2/IL-2R β As a Tunable Approach to Enhance CD19-Specific CAR-T Cell Antitumor Activity. <i>Blood</i> , 2020, 136, 48-48. | 1.4 | 1 |
| 16 | Prevention of Acute Graft-Versus-Host Disease Using an Engineered Mouse Orthogonal IL-2/IL-2R β Regulatory T Cells. <i>Blood</i> , 2021, 138, 1688-1688. | 1.4 | 0 |