

Heimo Riedel

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,090
citations

516710

16
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1078
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Phosphorylation of the Unique C-Terminal Tail of the Alpha Isoform of the Scaffold Protein SH2B1 Controls the Ability of SH2B1 to Enhance Nerve Growth Factor Function. <i>Molecular and Cellular Biology</i> , 2018, 38, . | 2.3 | 8 |
| 2 | Mesothelin promotes epithelial-to-mesenchymal transition and tumorigenicity of human lung cancer and mesothelioma cells. <i>Molecular Cancer</i> , 2017, 16, 63. | 19.2 | 79 |
| 3 | Problem-Based Learning: Cervical Adenocarcinoma Three-Session Case for First-Year Medical Studentsâ€”Patient Minnie Pauls. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 2017, 13, 10561. | 1.2 | 1 |
| 4 | Carcinogenic potential of high aspect ratio carbon nanomaterials. <i>Environmental Science: Nano</i> , 2016, 3, 483-493. | 4.3 | 24 |
| 5 | Rescue of DNA-PK Signaling and T-Cell Differentiation by Targeted Genome Editing in a <i>prkdc</i> Deficient iPSC Disease Model. <i>PLoS Genetics</i> , 2015, 11, e1005239. | 3.5 | 17 |
| 6 | Insulin receptor kinaseâ€”independent signaling via tyrosine phosphorylation of phosphatase PHLPP1. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 65-75. | 2.6 | 8 |
| 7 | Essential role of PSM/SH2â€”B variants in insulin receptor catalytic activation and the resulting cellular responses. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 162-181. | 2.6 | 14 |
| 8 | PSM/SH2B1 splice variants: Critical role in src catalytic activation and the resulting STAT3â€”mediated mitogenic response. <i>Journal of Cellular Biochemistry</i> , 2008, 104, 105-118. | 2.6 | 11 |
| 9 | Mitogenic roles of Gab1 and Grb10 as direct cellular partners in the regulation of MAP kinase signaling. <i>Journal of Cellular Biochemistry</i> , 2008, 105, 1172-1182. | 2.6 | 19 |
| 10 | PSM/SH2-B distributes selected mitogenic receptor signals to distinct components in the PI3-kinase and MAP kinase signaling pathways. <i>Journal of Cellular Biochemistry</i> , 2007, 100, 557-573. | 2.6 | 9 |
| 11 | Grb10 exceeding the boundaries of a common signaling adapter. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 603. | 3.0 | 65 |
| 12 | Grb10: more than a simple adaptor protein. <i>Frontiers in Bioscience - Landmark</i> , 2004, 9, 387. | 3.0 | 57 |
| 13 | Growth Factor Receptor-binding Protein 10 (Grb10) as a Partner of Phosphatidylinositol 3-Kinase in Metabolic Insulin Action. <i>Journal of Biological Chemistry</i> , 2003, 278, 39311-39322. | 3.4 | 53 |
| 14 | Inhibition of protein kinase C catalytic activity by additional regions within the human protein kinase C alpha-regulatory domain lying outside of the pseudosubstrate sequence. <i>Biochemical Journal</i> , 2003, 373, 571-581. | 3.7 | 17 |
| 15 | Four PSM/SH2-B Alternative Splice Variants and Their Differential Roles in Mitogenesis. <i>Journal of Biological Chemistry</i> , 2001, 276, 40940-40948. | 3.4 | 64 |
| 16 | PSM, a mediator of PDGF-BB-, IGF-I-, and insulin-stimulated mitogenesis. <i>Oncogene</i> , 2000, 19, 39-50. | 5.9 | 42 |
| 17 | Grb10, a Positive, Stimulatory Signaling Adapter in Platelet-Derived Growth Factor BB-, Insulin-Like Growth Factor I-, and Insulin-Mediated Mitogenesis. <i>Molecular and Cellular Biology</i> , 1999, 19, 6217-6228. | 2.3 | 110 |
| 18 | Insulin-like Growth Factor-I Receptor and Insulin Receptor Association with a Src Homology-2 Domain-containing Putative Adapter. <i>Journal of Biological Chemistry</i> , 1998, 273, 3136-3139. | 3.4 | 67 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Modulation of Rat Rotational Behavior by Direct Gene Transfer of Constitutively Active Protein Kinase C into Nigrostriatal Neurons. <i>Journal of Neuroscience</i> , 1998, 18, 4119-4132. | 3.6 | 43 |
| 20 | Interaction between the Grb10 SH2 Domain and the Insulin Receptor Carboxyl Terminus. <i>Journal of Biological Chemistry</i> , 1996, 271, 8882-8886. | 3.4 | 99 |
| 21 | Deletion analysis of protein kinase c inactivation by calphostin C. <i>Molecular Carcinogenesis</i> , 1995, 12, 42-49. | 2.7 | 42 |
| 22 | Differential protein kinase C ligand regulation detected in vivo by a phenotypic yeast assay. <i>Molecular Carcinogenesis</i> , 1995, 12, 166-176. | 2.7 | 32 |
| 23 | Ligand Regulation of Bovine Protein Kinase C Alpha Response via Either Cysteine-Rich Repeat of Conserved Region C11. <i>Journal of Biochemistry</i> , 1994, 115, 1000-1009. | 1.7 | 10 |
| 24 | Phorbol ester activation of functional rat protein kinase C $\hat{1}^2$ -1 causes phenotype in yeast. <i>Journal of Cellular Biochemistry</i> , 1993, 52, 320-329. | 2.6 | 20 |
| 25 | Reconstitution of protein kinase C alpha function by the protein kinase C beta-I carboxy terminus. <i>Molecular and Cellular Endocrinology</i> , 1993, 98, 9-16. | 3.2 | 5 |
| 26 | A chimaeric receptor allows insulin to stimulate tyrosine kinase activity of epidermal growth factor receptor. <i>Nature</i> , 1986, 324, 68-70. | 27.8 | 170 |
| 27 | A procedure to verify an amino acid sequence which has been derived from a nucleotide sequence: application to the 26S RNA of Semliki Forest virus. <i>Nucleic Acids Research</i> , 1982, 10, 675-687. | 14.5 | 3 |
| 28 | Non-Small Cell Lung Adenocarcinoma Problem-Based Learning Case: Monia P. Neu. <i>MedEdPORTAL: the Journal of Teaching and Learning Resources</i> , 0, , . | 1.2 | 0 |