

Mary Shannon Moore

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

3,059
citations

430874

18
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

2381
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The GTP-binding protein Ran/TC4 is required for protein import into the nucleus. <i>Nature</i> , 1993, 365, 661-663. | 27.8 | 759 |
| 2 | The peptide repeat domain of nucleoporin Nup98 functions as a docking site in transport across the nuclear pore complex. <i>Cell</i> , 1995, 81, 215-222. | 28.9 | 432 |
| 3 | Role of Importin-beta in Coupling Ran to Downstream Targets in Microtubule Assembly. <i>Science</i> , 2001, 291, 653-656. | 12.6 | 315 |
| 4 | The two steps of nuclear import, targeting to the nuclear envelope and translocation through the nuclear pore, require different cytosolic factors. <i>Cell</i> , 1992, 69, 939-950. | 28.9 | 298 |
| 5 | Getting across the nuclear pore complex. <i>Trends in Cell Biology</i> , 1999, 9, 312-318. | 7.9 | 182 |
| 6 | Ran and Nuclear Transport. <i>Journal of Biological Chemistry</i> , 1998, 273, 22857-22860. | 3.4 | 160 |
| 7 | A G protein involved in nucleocytoplasmic transport: the role of Ran. <i>Trends in Biochemical Sciences</i> , 1994, 19, 211-216. | 7.5 | 150 |
| 8 | ERK2 enters the nucleus by a carrier-independent mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7496-7501. | 7.1 | 142 |
| 9 | The mechanism of inhibition of Ran-dependent nuclear transport by cellular ATP depletion. <i>Journal of Cell Biology</i> , 2002, 157, 963-974. | 5.2 | 116 |
| 10 | Ran-dependent Signal-mediated Nuclear Import Does Not Require GTP Hydrolysis by Ran. <i>Journal of Biological Chemistry</i> , 1998, 273, 35170-35175. | 3.4 | 98 |
| 11 | Using peptide arrays to define nuclear carrier binding sites on nucleoporins. <i>Methods</i> , 2006, 39, 329-341. | 3.8 | 86 |
| 12 | The Death Effector Domain Protein PEA-15 Prevents Nuclear Entry of ERK2 by Inhibiting Required Interactions. <i>Journal of Biological Chemistry</i> , 2004, 279, 12840-12847. | 3.4 | 72 |
| 13 | The Nuclear Import of RCC1 Requires a Specific Nuclear Localization Sequence Receptor, Karyopherin β_3 /Qip. <i>Journal of Biological Chemistry</i> , 2000, 275, 10099-10104. | 3.4 | 61 |
| 14 | Selective Disruption of Nuclear Import by a Functional Mutant Nuclear Transport Carrier. <i>Journal of Cell Biology</i> , 2000, 151, 321-332. | 5.2 | 30 |
| 15 | The Fission Yeast <i>Schizosaccharomyces pombe</i> Has Two Importin- β Proteins, Imp1p and Cut15p, Which Have Common and Unique Functions in Nucleocytoplasmic Transport and Cell Cycle Progression. <i>Genetics</i> , 2005, 171, 7-21. | 2.9 | 25 |
| 16 | The Dynamic Association of RCC1 with Chromatin Is Modulated by Ran-dependent Nuclear Transport. <i>Molecular Biology of the Cell</i> , 2004, 15, 245-255. | 2.1 | 24 |
| 17 | Computational and Biochemical Identification of a Nuclear Pore Complex Binding Site on the Nuclear Transport Carrier NTF2. <i>Journal of Molecular Biology</i> , 2004, 344, 303-310. | 4.2 | 23 |
| 18 | Npap60: a new player in nuclear protein import. <i>Trends in Cell Biology</i> , 2003, 13, 61-64. | 7.9 | 21 |

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|----|--|-----|-----------|
| 19 | Protein translocation: Nuclear export â€” out of the dark. <i>Current Biology</i> , 1996, 6, 137-140. | 3.9 | 18 |
| 20 | Engineered mutants in the switch II loop of ran define the contribution made by key residues to the interaction with nuclear transport factor 2 (NTF2) and the role of this interaction in nuclear protein import. <i>Journal of Molecular Biology</i> , 1999, 289, 565-577. | 4.2 | 18 |
| 21 | A T42A Ran Mutation: Differential Interactions with Effectors and Regulators, and Defect in Nuclear Protein Import. <i>Molecular Biology of the Cell</i> , 1997, 8, 2591-2604. | 2.1 | 15 |
| 22 | Nuclear Import in Digitoninâ€”Permeabilized Cells. <i>Current Protocols in Cell Biology</i> , 2000, 5, Unit 11.7. | 2.3 | 9 |
| 23 | Nuclear Pores: David and Goliath in nuclear transport. <i>Current Biology</i> , 1995, 5, 1339-1341. | 3.9 | 5 |
| 24 | G-proteins Ran GTPase. , 2021, , 469-478. | | 0 |
| 25 | The Role of Ran in Nuclear Import. , 2001, , 1-13. | | 0 |
| 26 | Ran GTPase. , 2004, , 635-639. | | 0 |