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a thermodynamic model of microtubule assembly and ... further insight into the manner of microtubule assembly and ... of the model to microtubule structure.

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although the dynamic self-assembly behavior of microtubule ends has ... of computational models for mt assembly in ... model of microtubule structure and ...

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microtubule assembly dynamics: ... computational modeling is providing a framework for ... microtubule structure at the nanoscale.

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self-assembly dynamics are ... multiscale computational modeling and experimental ... from a computational model for microtubule self-assembly and ...

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mechanochemical model of microtubule ... we found that the model recapitulates three-dimensional tip structures and rates of assembly ... computational models ...

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computational modeling of axonal microtubule bundles ... computational modeling of axonal microtubule ... computational modeling techniques have been ...

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this study investigates the initial mechanical response of axonal microtubule bundles under ... computational modeling of ... a. microtubule assembly ...

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an important aspect of these efforts will be the integration of computational models for mt assembly in the ... model of microtubule structure and self ...

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organization of microtubule asters and the ... we develop and analyze a computational model of ... ends disassemble at a rate similar to the rate of assembly of ...

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these dynamics allow microtubule plus ends to explore ... 3d computational simulations of microtubule assembly were ... model of microtubule structure and self ...

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computational modeling of microtubule parameters ... model of microtubule network assembly using a minimum ... a dynamic structure in which ...

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vanburen v. (2011) computational modeling of microtubule structure and assembly: a pseudo-mechanical model and a mechanical model (book), 152 pp, vdm verlag dr ...

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... mechanochemical model of microtubule structure and ... insights into cytoskeletal behavior from computational modeling of ... microtubule assembly ...

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putational model of mt assembly that is consistent with tubulin structure and ... computational models ... fundamental aspects of microtubule structure. (b) ...

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the 3ms of central spindle assembly: microtubules, ... modelling spindle assembly. how does a bipolar structure with ... computational models allow facile ...

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... we used a dimer-scale computational model of mt assembly that is consistent with tubulin ... mechanochemical model of microtubule structure and self-assembly ...