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Ab initio study of the optical properties of green fluorescent protein

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Ab initio study
of the optical properties of
Green Fluorescent Protein

Maurizio Zaccheddu

In the front cover:
Green Fluorescent Protein with the chromophore shown inside the protein cavity.

Ab initio study
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Green Fluorescent Protein

PROEFSCHRIFT

TER VERKRIJGING VAN
DE GRAAD VAN DOCTOR AAN DE UNIVERSITEIT LEIDEN,
OP GEZAG VAN RECTOR MAGNIFICUS PROF. MR. P.F. VAN DER HEIJDEN,
VOLGENS BESLUIT VAN HET COLLEGE VOOR PROMOTIES
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Maurizio Zaccheddu

GEBOREN TE CAGLIARI (ITALIË) IN 1978

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To my parents

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